

Title (en)  
IMPROVED COMPUTER-BASED SYSTEM COMPRISING SEVERAL NODES IN A NETWORK

Title (de)  
VERBESSERTES RECHNERBASIERTES SYSTEM MIT MEHREREN KNOTEN IN EINEM NETZWERK

Title (fr)  
SYSTEME INFORMATIQUE AMELIORE COMPRENANT PLUSIEURS NOEUDS EN RESEAU

Publication  
**EP 2090052 A2 20090819 (FR)**

Application  
**EP 07866438 A 20071025**

Priority  

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- FR 0707476 A 20071024

Abstract (en)  
[origin: WO2008053098A2] A computer-based system comprises several computer-based facilities termed nodes interconnected in a network, - storing nodes comprise a direct-access local memory unit (38), and a storage server (46) for managing access to this unit on the basis of a queue, - application nodes, each comprising: \* an application environment with a representation of files that are accessible in the form of addresses of blocks designating a physical address on a local memory unit (33), and \* a storage client (44) capable of interacting with a storage server (46), on the basis of an access request designating a block address. A storage server (46) comprises a scheduler capable of executing the access requests contained in its queue (64) in a determined order. This order is determined as a function of a set of rules forming performance criteria, and involving one or more state parameters of the queue and/or of the storing node on which it resides.

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