Title (en)

METADATA BASED FILE SWITCH AND SWITCHED FILE SYSTEM

Title (de)

AUF METADATEN BASIERENDE DATEIVERMITTLUNG UND VERMITTELTES DATEISYSTEM

Title (fr)

COMMUTATEUR DE FICHIER UTILISANT DES METADONNEES ET SYSTEME FICHIER COMMUTE

Publication

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Application

EP 03814952 A 20031218

Priority

- US 0341202 W 20031218
- US 33670403 A 20030102
- US 33678403 A 20030102
- US 33683203 A 20030102
- US 33683303 A 20030102
- US 33683403 A 20030102
- US 33683503 A 20030102

Abstract (en)

[origin: WO2004061605A2] Client computers are decoupled from file servers in a computer network, by placing a network node, also termed a file switch or file switch computer, between the client computers and the file servers. To the client computers, the file switch appears to be a file server having enormous storage capabilities and high throughput. To the file servers, the file switch appears to be a client as it delegates a single transaction received from a client computer to multiple file servers. The file switch aggregates the file server's responses to the client computer's request and presents a single response back to the client computer. The file switch performs this transaction aggregation function in a manner that is transparent to both the client computers and the file servers.

IPC 1-7

G06F 15/16

IPC 8 full level

G06F 1/00 (2006.01); **G06F 11/16** (2006.01); **G06F 13/14** (2006.01); **G06F 15/16** (2006.01); **G06F 17/30** (2006.01); **H04L 29/08** (2006.01)

IPC 8 main group level

G06F (2006.01)

CPC (source: EP)

H04L 67/1001 (2022.05); **H04L 67/1097** (2013.01); **H04L 67/566** (2022.05)

Citation (search report)

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- See references of WO 2004061605A2

Designated contracting state (EPC)

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DOCDB simple family (application)

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