

Title (en)

METHOD FOR EMBEDDING A SERVER INTO A STORAGE SUBSYSTEM

Title (de)

VERFAHREN ZUM EINBETTEN EINES SERVERS IN EIN SPEICHER-SUBSYSTEM

Title (fr)

PROCEDE D'INTEGRATION D'UN SERVEUR DANS UN SOUS-SYSTEME DE STOCKAGE

Publication

EP 1668518 A2 20060614 (EN)

Application

EP 04780250 A 20040806

Priority

- US 2004025383 W 20040806
- US 49396403 P 20030808

Abstract (en)

[origin: WO2005015349A2] A server is embedded directly into a storage subsystem. When moving between the storage subsystem domain and the server domain, data copying is minimized. Data management functionality written for traditional servers is implemented within a stand-alone storage subsystem, generally without software changes to the ported subsystems. The hardware executing the storage subsystem and server subsystem can be implemented in a way that provides reduced latency, compared to traditional architectures, when communicating between the storage subsystem and the server subsystem. When using a plurality of clustered controllers, traditional load-balancing software can be used to provide scalability of server functions. One end-result is a storage system that provides a wide range of data management functionality, that supports a heterogeneous collection of clients, that can be quickly customized for specific applications, that easily leverages existing third party software, and that provides optimal performance.

IPC 1-7

G06F 13/00; G06F 12/00; G06F 15/16

IPC 8 full level

G06F 3/06 (2006.01); **G06F 12/00** (2006.01); **G06F 13/00** (2006.01); **G06F 15/16** (2006.01)

IPC 8 main group level

G06F (2006.01)

CPC (source: EP)

G06F 3/0605 (2013.01); **G06F 3/061** (2013.01); **G06F 3/0629** (2013.01); **G06F 3/0658** (2013.01); **G06F 3/067** (2013.01); **H04L 67/1097** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005015349 A2 20050217; **WO 2005015349 A3 20051201**; CA 2535097 A1 20050217; EP 1668518 A2 20060614; EP 1668518 A4 20090304

DOCDB simple family (application)

US 2004025383 W 20040806; CA 2535097 A 20040806; EP 04780250 A 20040806