Title (en)
ASYNCHRONOUS MIRRORING IN A STORAGE AREA NETWORK

Title (de)
ASYNCHRONE SPIEGELUNG IN EINEM SPEICHERBEREICHSNETZWERK

Title (fr)
MIROITAGE ASYNCHRONE DANS UNE ZONE DE STOCKAGE RESEAU

Publication
EP 1423770 A2 20040602 (EN)

Application
EP 02760525 A 20020813

Priority
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• US 31220901 P 20010814

Abstract (en)
[origin: WO03017022A2] A method and a system for simultaneously mirroring of one or many data objects from one or many local storage devices to one or many remote storage devices. The one or many data objects may be used during mirroring. A mirroring functionality consists of the application of a succession of freeze and copy procedures repeated sequentially in successive mirroring cycles. Only the last local updated mirrored version is saved in the remote storage device(s). Each new updated version overwrites the previous version. Mirroring is performed asynchronously in the background by freezing and copying successive discrete blocks of data. The mirroring functionality is operable to perform more than one mirroring operation simultaneously as well as simultaneously cross-mirroring.

IPC 1-7
G06F 1/00

IPC 8 full level
G06F 3/06 (2006.01); **G06F 1/00** (2006.01); **G06F 11/00** (2006.01); **G06F 12/00** (2006.01); **G06F 12/16** (2006.01); **H04L 29/08** (2006.01)

IPC 8 main group level
G06F (2006.01)

CPC (source: EP)
G06F 11/2074 (2013.01); **H04L 67/1095** (2013.01); **H04L 67/1097** (2013.01)

Citation (search report)
See references of WO 03017022A2

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