Title (en)
DATA RECOVERY USING ERROR STRIP IDENTIFIERS

Title (de)
DATENWIEDERGEWINNUNG UNTER VERWENDUNG VON FEHLERENTFERNUNGSKENNUNGEN

Title (fr)
RÉCUPÉRATION DE DONNÉES À L'AIDE D'IDENTIFICATEURS DE BANDE D'ERREUR

Publication
EP 2359245 A1 20110824 (EN)

Application
EP 09797220 A 20091117

Priority
- US 2009064800 W 20091117
- US 33655808 A 20081217
- US 27201208 A 20081117

Abstract (en)
[origin: WO2010057186A1] A secure storage appliance is disclosed, along with methods of storing and reading data in a secure storage network. The secure storage appliance is configured to present to a client a virtual disk, the virtual disk mapped to the plurality of physical storage devices. The secure storage appliance is capable of executing program instructions configured to generate a plurality of secondary data blocks by performing splitting and encrypting operations on a primary data block received from the client for storage on the virtual disk and reconstitute the primary data block from at least a portion of the plurality of secondary data blocks stored in shares on corresponding physical storage devices in response to a request from the client. Write counters written with the secondary data blocks are used to determine whether the secondary data blocks were stored correctly.

IPC 8 full level
G06F 11/10 (2006.01); **G06F 21/62** (2013.01); **H04L 12/24** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP)
G06F 11/1076 (2013.01); **G06F 21/6218** (2013.01); **H04L 67/1097** (2013.01); G06F 2211/104 (2013.01)

Citation (search report)
See references of WO 2010057186A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010057186 A1 20100520; AU 2009313741 A1 20110707; AU 2016203806 A1 20160623; AU 2018202563 A1 20180510; AU 2020205273 A1 20200806; EP 2359245 A1 20110824

DOCDB simple family (application)
US 2009064800 W 20091117; AU 2009313741 A 20091117; AU 2016203806 A 20160608; AU 2018202563 A 20180412; AU 2020205273 A 20200715; EP 09797220 A 20091117