

Title (en)  
ACCUMULATING ACCESS FREQUENCY AND FILE ATTRIBUTES FOR SUPPORTING POLICY BASED STORAGE MANAGEMENT

Title (de)  
ANHÄUFUNG VON ZUGANGSFREQUENZ- UND DATEIATTRIBUTEN ZUR UNTERSTÜTZUNG VON RICHTLINIEN-BASIERTER  
SPEICHERVERWALTUNG

Title (fr)  
ACCUMULATION DE FREQUENCES D'ACCES ET D'ATTRIBUTS DE FICHIERS UTILISEE DANS UNE GESTION DE STOCKAGE BASEE SUR  
DES REGLES

Publication  
**EP 1934838 A4 20100707 (EN)**

Application  
**EP 06815981 A 20061002**

Priority  
• US 2006038361 W 20061002  
• US 72246505 P 20050930

Abstract (en)  
[origin: WO2007041456A2] A system and method for performing policy-based storage management using data related to access frequency and file attribute accumulation. A switch device provides transparency for transactions between a client and a storage network. The transparency allows objects (e.g., files or directories) to be moved (e.g., migrated) on the storage network without affecting a reference to the object used by the client (e.g., a file handle). A monitoring module generates accumulation data associated with the transactions for use in policy-based management. The accumulation data can describe uses of the file such as how often certain files are accessed, modifications to files such as creations of new directories or files, and other uses.

IPC 8 full level  
**G06F 17/30** (2006.01)

CPC (source: EP)  
**G06F 16/122** (2018.12); **G06F 16/1827** (2018.12); **G06F 16/1865** (2018.12)

Citation (search report)  
• [I] US 2004133577 A1 20040708 - MILOUSHEV VLADIMIR [US], et al  
• [A] WO 2004053677 A2 20040624 - CISCO TECH IND [US], et al  
• [A] WO 2004097624 A1 20041111 - NEOPATH NETWORKS INC [US], et al  
• See references of WO 2007041456A2

Citation (examination)  
• US 2002161855 A1 20021031 - MANCZAK OLAF [US], et al  
• WO 02056181 A2 20020718 - FORCE COMMUNICATIONS INC Z [US]  
• US 2004199515 A1 20041007 - PENNY BRETT A [US], et al  
• US 2004267830 A1 20041230 - WONG THOMAS K [US], et al

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DOCDB simple family (publication)  
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EP 1934838 A2 20080625; EP 1934838 A4 20100707

DOCDB simple family (application)  
**US 2006038361 W 20061002**; CN 200680032142 A 20061002; EP 06815981 A 20061002