

Title (en)
STORAGE DISK COMPRISING DEPRESSIONS AND/OR RAISED FEATURES

Title (de)
SPEICHERPLATTE MIT VERTIEFUNGEN UND/ODER ERHABENEN MERKMALEN

Title (fr)
DISQUE DE MEMORISATION COMPRENANT DES DEPRESSIONS ET/OU DES STRUCTURES SURELEVEES

Publication
EP 1078361 A1 20010228 (EN)

Application
EP 99914243 A 19990329

Priority

- US 9906809 W 19990329
- US 8125398 P 19980409
- US 8207798 P 19980417
- US 11109998 P 19981204
- US 11305998 P 19981221
- US 11509499 P 19990107
- US 11577199 P 19990113

Abstract (en)
[origin: WO9953482A1] The present invention provides for the enhancement of the storage capacity of a data disk drive while reducing optical path optics, electronics and/or the mass and complexity of associated read/write heads. The system utilizes light transmitted by optical elements (102, 400) to servo track a data disk (107) and to heat the data disk during reading and writing of data, and magnetic elements for actual reading and writing.

IPC 1-7
G11B 23/00; G11B 5/82; G11B 21/10; G11B 5/596; G11B 5/84

IPC 8 full level
G11B 7/2403 (2013.01); **G11B 5/00** (2006.01); **G11B 5/012** (2006.01); **G11B 5/02** (2006.01); **G11B 5/596** (2006.01); **G11B 5/64** (2006.01); **G11B 5/65** (2006.01); **G11B 5/73** (2006.01); **G11B 5/82** (2006.01); **G11B 5/84** (2006.01); **G11B 7/24** (2006.01); **G11B 7/26** (2006.01); **G11B 11/105** (2006.01); **G11B 21/10** (2006.01); **G11B 23/00** (2006.01)

CPC (source: EP KR)
G11B 5/00 (2013.01 - EP); **G11B 5/012** (2013.01 - EP); **G11B 5/4866** (2013.01 - EP); **G11B 5/596** (2013.01 - EP); **G11B 5/59677** (2013.01 - EP); **G11B 5/82** (2013.01 - EP); **G11B 5/84** (2013.01 - EP); **G11B 7/2403** (2013.01 - KR); **G11B 7/24047** (2013.01 - KR); **G11B 7/2532** (2013.01 - KR); **G11B 7/2533** (2013.01 - KR); **G11B 11/1055** (2013.01 - EP); **G11B 11/10554** (2013.01 - EP); **G11B 11/10578** (2013.01 - EP); **G11B 11/10582** (2013.01 - EP); **G11B 11/10584** (2013.01 - EP); **G11B 21/106** (2013.01 - EP); **G11B 23/0021** (2013.01 - EP); **G11B 23/0057** (2013.01 - EP); **G11B 5/6088** (2013.01 - EP); **G11B 11/1058** (2013.01 - EP); **G11B 2005/0002** (2013.01 - EP); **G11B 2005/0005** (2013.01 - EP); **G11B 2005/0021** (2013.01 - EP); **G11B 2007/25302** (2013.01 - KR); **G11B 2007/25303** (2013.01 - KR); **G11B 2220/20** (2013.01 - KR)

Citation (search report)
See references of WO 9953494A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
WO 9953482 A1 19991021; EP 0988631 A1 20000329; EP 1078361 A1 20010228; JP 2002511630 A 20020416; JP 2002512725 A 20020423; JP 2008251157 A 20081016; JP 2012181920 A 20120920; JP 4971245 B2 20120711; KR 100581487 B1 20060523; KR 20010071139 A 20010728; WO 9953494 A1 19991021

DOCDB simple family (application)
US 9906814 W 19990329; EP 99912937 A 19990329; EP 99914243 A 19990329; JP 2000543965 A 19990329; JP 2008133001 A 20080521; JP 2012142793 A 20120626; JP 55171399 A 19990329; KR 20007011239 A 20001009; US 9906809 W 19990329