

Title (en)
METHOD OF OVERWRITING DATA IN WRITE-ONCE MEDIUM AND DATA RECORDING AND/OR REPRODUCING APPARATUS THEREFOR

Title (de)
VERFAHREN ZUM BERSCHREIBEN VON DATEN EINES ENMALIG BESCHREIBBAREN MEDIUMS SOWIE ENTSPRECHENDE DATENAUFZEICHNUNGS- UND/ODER DATENWIEDERGABEVORRICHTUNG

Title (fr)
PROCEDE D'ECRASMENT DE DONNEES SUR UN SUPPORT A ECRITURE UNIQUE ET APPAREIL D'ENREGISTREMENT ET/OU DE REPRODUCTION DE DONNEES AFFERENT

Publication
EP 1606805 A4 20111102 (EN)

Application
EP 04722735 A 20040323

Priority

- KR 2004000632 W 20040323
- US 45655903 P 20030324
- KR 20030018213 A 20030324
- US 47389403 P 20030529
- KR 20030060545 A 20030830
- KR 20040014247 A 20040303

Abstract (en)
[origin: WO2004086379A1] A method of overwriting data in a write-once information storage medium and a data recording and/or reproducing apparatus therefor. In the data overwriting method, a command to overwrite new data in a first area of the write-once information storage medium where data has already been recorded is issued. Then, the first area is considered as a defective area, and the new data is recorded in a second area. Thereafter, updated defect management information, including information about the locations of the first and second areas, is recorded in the write-once information storage medium.

IPC 8 full level
G11B 20/18 (2006.01); **G11B 7/0045** (2006.01); **G11B 20/10** (2006.01); **G11B 27/034** (2006.01); **G11B 27/32** (2006.01)

CPC (source: EP)
G11B 20/1883 (2013.01); **G11B 27/034** (2013.01); **G11B 27/329** (2013.01); **G11B 2020/10898** (2013.01); **G11B 2020/10907** (2013.01); **G11B 2020/1873** (2013.01); **G11B 2220/20** (2013.01); **G11B 2220/218** (2013.01)

Citation (search report)

- [E] WO 2004079740 A1 20040916 - LG ELECTRONICS INC [KR]
- [E] WO 2004029968 A2 20040408 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [E] EP 1564740 A1 20050817 - SONY CORP [JP]
- [I] US 4953122 A 19900828 - WILLIAMS CHRIS [US]
- [I] TAKASHI YOKOZEKI ET AL: "A VIRTUAL OPTICAL DISK METHOD TO REALIZE REWRITABILITY AND REVISION CONTROL ON A WRITE-ONCE OPTICAL DISK", SYSTEMS & COMPUTERS IN JAPAN, WILEY, HOBOKEN, NJ, US, vol. 21, no. 8, 1 January 1990 (1990-01-01), pages 34 - 43, XP000177819, ISSN: 0882-1666
- [I] OSTA (OPTICAL STORAGE TECHNOLOGY ASSOCIATION): "Universal Disk Format Specification", OSTA-2 REVISION 2.00, XX, XX, no. 2.00, 3 April 1998 (1998-04-03), pages 1 - 141, XP002155418
- [A] "UPDATE METHOD FOR WRITE-ONCE DISK", IBM TECHNICAL DISCLOSURE BULLETIN, INTERNATIONAL BUSINESS MACHINES CORP. (THORNWOOD), US, vol. 28, no. 6, 1 November 1985 (1985-11-01), XP000715043, ISSN: 0018-8689
- [A] GROSSMAN D D: "UPDATING NON-ERASABLE STORAGE", IBM TECHNICAL DISCLOSURE BULLETIN, INTERNATIONAL BUSINESS MACHINES CORP. (THORNWOOD), US, vol. 24, no. 1B, 1 June 1981 (1981-06-01), pages 775/776, XP000713728, ISSN: 0018-8689
- [A] HUIE C: "APPLICATION KEY TO DEFECT MANAGEMENT FOR WRITE-ONCE OPTICAL", COMPUTER TECHNOLOGY REVIEW, WESTWORLD PRODUCTION, BEVERLY HILL, CA, US, vol. 12, no. 10, 1 August 1992 (1992-08-01), pages 89 - 90,92, XP000301206, ISSN: 0278-9647
- See references of WO 2004086379A1

Citation (examination)

- EP 0798715 A2 19971001 - TOSHIBA KK [JP]
- US 5351227 A 19940927 - ICHIKAWA HITOSHI [JP], et al

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 2004086379 A1 20041007; EP 1606805 A1 20051221; EP 1606805 A4 20111102; HK 1083271 A1 20060630; JP 2006521660 A 20060921; MY 169760 A 20190515; TW 200425080 A 20041116; TW I271713 B 20070121

DOCDB simple family (application)
KR 2004000632 W 20040323; EP 04722735 A 20040323; HK 06103138 A 20060311; JP 2006507768 A 20040323; MY PI20072355 A 20040324; TW 93107883 A 20040324