Title (en)

OPTICAL RECORDING MEDIA HAVING INCREASED ERASABILITY

Title (de)

OPTISCHES SPEICHERMEDIUM MIT ERHÖHTER LÖSCHBARKEIT

Title (fr)

SUPPORTS D'ENREGISTREMENT OPTIQUE AVEC POSSIBILITES D'EFFACEMENT AMELIOREES

Publication

EP 1194284 A4 20021031 (EN)

Application

EP 99918793 A 19990422

Priority

US 9908861 W 19990422

Abstract (en)

[origin: WO0064666A1] An optical recording medium comprising one or more recording layers (30). At least one of the recording layers (30) comprising an optical phase-change memory material, the optical phase-change memory material comprising: an optical phase-change alloy; and at least one modifier element, added to the optical phase-change alloy, that increases the erasability of the optical recording medium by at least 3 dB.

IPC 1-7

B32B 3/00

IPC 8 full level

B41M 5/26 (2006.01); **G11B 7/004** (2006.01); **G11B 7/0055** (2006.01); **G11B 7/24** (2013.01); **G11B 7/243** (2013.01); G11B 7/253 (2006.01); G11B 7/2534 (2013.01)

CPC (source: EP KR)

G11B 7/00557 (2013.01 - EP); **G11B 7/24** (2013.01 - EP); **G11B 7/243** (2013.01 - EP); **G11B 7/2433** (2013.01 - KR); G11B 7/2534 (2013.01 - EP); G11B 2007/24306 (2013.01 - EP); G11B 2007/24312 (2013.01 - EP); G11B 2007/24314 (2013.01 - EP); G11B 2007/24316 (2013.01 - EP)

Citation (search report)

- [X] JP H10337955 A 19981222 - ASAHI CHEMICAL IND
- [X] EP 0335469 A2 19891004 - HITACHI LTD [JP], et al
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- See references of WO 0064666A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0064666 A1 20001102; AU 3662399 A 20001110; CA 2370836 A1 20001102; EP 1194284 A1 20020410; EP 1194284 A4 20021031; JP 2002542085 A 20021210; KR 20020000630 A 20020105

DOCDB simple family (application)

US 9908861 W 19990422; AU 3662399 A 19990422; CA 2370836 A 19990422; EP 99918793 A 19990422; JP 2000613640 A 19990422; KR 20017013317 A 20011019