

Title (en)

HIGH DENSITY WRITE-ONCE RECORDING MEDIUM ALLOWING DEFECT MANAGEMENT, AND METHOD AND APPARATUS FOR MANAGING DEFECTS

Title (de)

DICHTE, EINMAL BESCHREIBBARES AUFZEICHNUNGSMEDIUM, DASS DEFECTVERWALTUNG ERLAUBT; UND VERFAHREN UND VORRICHTUNG ZUR VERWALTUNG VON DEFECTEN

Title (fr)

SUPPORT D'ENREGISTREMENT NON REINSCRIPTIBLE HAUTE DENSITE PERMETTANT LA GESTION DE DEFAULTS, PROCEDE ET APPAREIL DE GESTION DE DEFAULTS

Publication

EP 1550123 A4 20090916 (EN)

Application

EP 03730893 A 20030605

Priority

- KR 0301113 W 20030605
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Abstract (en)

[origin: WO2004015707A1] A high density write-once recording medium allowing defect management, and a method and apparatus for managing defects are provided. According to the high density writing-once recording medium, data is written to the recording medium in tracks or clusters, the written data is verified, and if a defect is found a defective portion is skipped and data corresponding to the defective portion and the following written data are rewritten on a next available recording location. The defect management method using slipping replacement is applied to the high density write-once recording medium in which defects are found, thereby allowing continued recording by slipping defects found in the recording medium and further increasing the reliability of the recording medium.

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G11B 20/18

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] WO 0193035 A2 20011206 - DATAPLAY INC [US]
- [X] JP H08273162 A 19961018 - RICOH KK
- See references of WO 2004015707A1

Designated contracting state (EPC)

DE FR GB HU NL

DOCDB simple family (publication)

WO 2004015707 A1 20040219; AU 2003241200 A1 20040225; CN 100452224 C 20090114; CN 1675709 A 20050928; EP 1550123 A1 20050706; EP 1550123 A4 20090916; JP 2005535992 A 20051124; KR 20040015425 A 20040219; PL 375215 A1 20051128; TW 200403661 A 20040301

DOCDB simple family (application)

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