



(11) **EP 1 288 945 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:  
**Corrected version no 1 (W1 A2)**  
**Corrections, see**  
**Bibliography INID code(s) 84**

(51) Int Cl.:  
**G11B 20/18 (1985.01) G11B 20/12 (1985.01)**

(48) Corrigendum issued on:  
**23.06.2010 Bulletin 2010/25**

(43) Date of publication:  
**05.03.2003 Bulletin 2003/10**

(21) Application number: **02026131.9**

(22) Date of filing: **07.10.1999**

(84) Designated Contracting States:  
**DE FR GB NL**

(30) Priority: **10.10.1998 KR 9842433**  
**21.10.1998 KR 9844202**  
**06.11.1998 KR 9847538**  
**14.05.1999 KR 9917357**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:  
**99307898.9 / 0 997 905**

(71) Applicant: **SAMSUNG ELECTRONICS CO., LTD.**  
**Suwon-City, Kyungki-do (KR)**

(72) Inventors:  
• **Ko, Jung-wan**  
**Yongin-city,**  
**Kyungki-do (KR)**  
• **Park, In-sik,**  
**Gyeonggi-do (KR)**

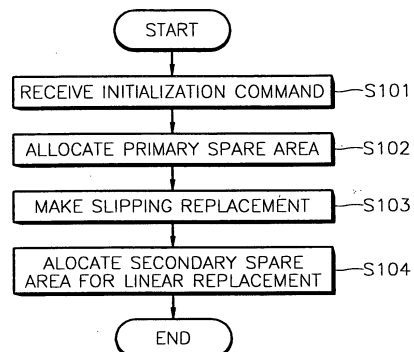
(74) Representative: **Parkinson, Neil Scott et al**  
**Appleyard Lees**  
**15 Clare Road**  
**Halifax**  
**HX1 2HY (GB)**

Remarks:  
This application was filed on 23 - 11 - 2002 as a divisional application to the application mentioned under INID code 62.

(54) **Recording medium having spare area for defect management and method of allocating spare area**

(57) A recording medium having a spare area for defect management, and a method of allocating the spare area are provided. A plurality of zones are formed as one group without prescribing the relationship between a zone and a group. Spare areas include a spare area for slipping replacement and a spare area for linear replacement. The spare area for slipping replacement is first allocated, and the spare area for linear replacement is allocated according to the size of an area remaining after the spare area for slipping replacement is used and the purpose for which a disc is used. When the spare area for linear replacement is insufficient during use of the disc, a supplementary spare area for linear replacement is allocated in sequence from the rearmost of a logical file area, such that the spare area can be more flexibly and effectively allocated.

FIG. 4



**EP 1 288 945 A8**