

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 October 2003 (09.10.2003)

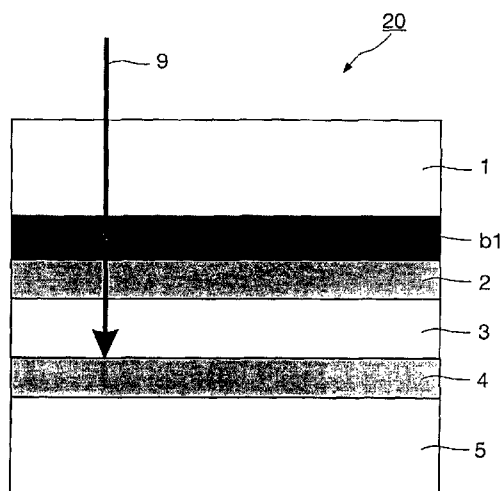
PCT

(10) International Publication Number
WO 03/083852 A1

- (51) International Patent Classification⁷: **G11B 7/24**
- (21) International Application Number: PCT/IB03/01394
- (22) International Filing Date: 1 April 2003 (01.04.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
02076288.6 2 April 2002 (02.04.2002) EP
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report

[Continued on next page]

(54) Title: OPTICAL DATA STORAGE MEDIUM



(57) **Abstract:** An optical data storage medium (20) for recording by means of a focused radiation beam (9) is described. The beam enters the medium through a first plastic/resinous layer (1) which is transparent for the radiation beam (9). The medium further comprises at least a first recording stack (2), comprising a first recording layer, being present proximate the first plastic/resinous layer, and a second recording stack (4), comprising a second recording layer, said second recording stack (4) being present at a position more remote from the first plastic/resinous layer (1) than the first recording stack (2), and a transparent spacer layer (3) between the first and the second recording stack having a thickness larger than the depth of focus of the focused radiation beam. A first optically transparent thermal barrier layer (b1) is interposed between the first recording stack (2) and the first plastic/resinous layer (1) by which it is achieved that the medium does not or hardly suffer from stress birefringence in the first plastic/resinous layer (1) caused by the radiation beam. A double sided version of the medium includes a third and fourth recording stack and a second optically transparent thermal barrier layer.



WO 03/083852 A1



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