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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: G11B 7/12, 7/135 — A2

(11) International Publication Number: WO 96/30903

(43) International Publication Date: 3 October 1996 (03.10.96)

(21) International Application Number: PCT/IB96/00187

(22) International Filing Date: 11 March 1996 (11.03.96)

(30) Priority Data:
95200788.8 29 March 1995 (29.03.95) EP

(34) Countries for which the regional or international application was filed: AT et al.

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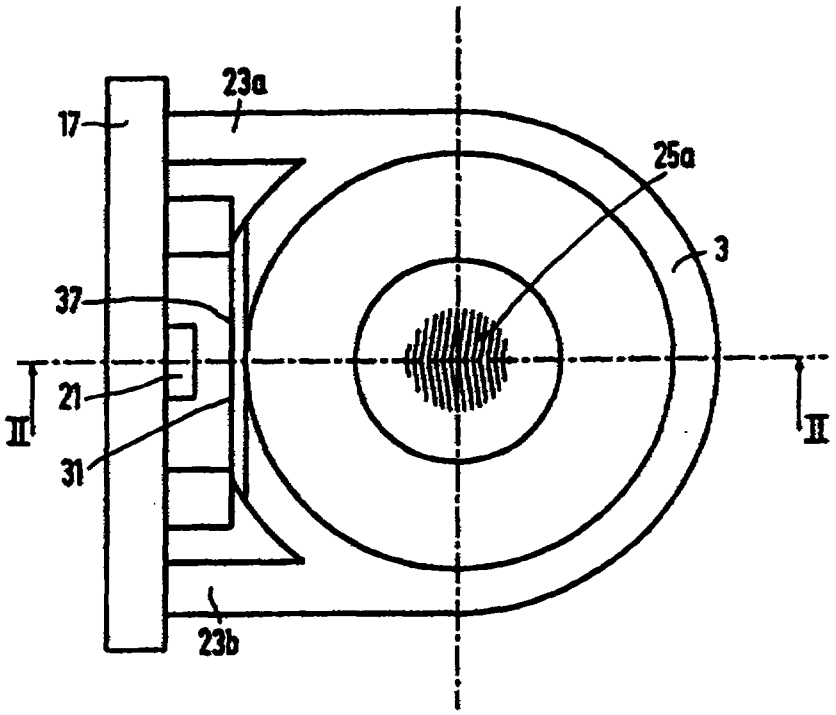
(81) Designated States: JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: OPTICAL UNIT COMPRISING A RADIATION SOURCE, A DETECTOR AND A GRATING, AND SCANNING DEVICE INCLUDING THE OPTICAL UNIT

(57) Abstract

An optical unit comprises a first holder (11) with a radiation source (7), a second holder (17) with a radiation-sensitive detector (21), a grating (25, 29), and a mirror (27). The unit further comprises a cylindrical mounting (3) having a cylinder axis (5) and a wall (3a) oriented transversely of the cylinder axis, the grating and the mirror being formed by optically transparent wall portions of said wall. The mounting has a first positioning surface (13) to which the first holder with the radiation source is secured and a second positioning surface (23) to which the second holder with the radiation-sensitive detector is secured.



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