

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 February 2002 (07.02.2002)

PCT

(10) International Publication Number
WO 02/11128 A2

(51) International Patent Classification⁷: G11B 5/00,
5/58, 5/596

Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LEIB-
BRANDT, Godert, W., R.; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(21) International Application Number: PCT/EP01/07963

(74) Agent: VISSER, Derk; Internationaal Octrooibureau
B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(22) International Filing Date: 11 July 2001 (11.07.2001)

(81) Designated States (national): BR, CN, JP, KR, MX, SG.

(25) Filing Language: English

(84) Designated States (regional): European patent (AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE, TR).

(26) Publication Language: English

(30) Priority Data:
00202705.0 28 July 2000 (28.07.2000) EP

Published:

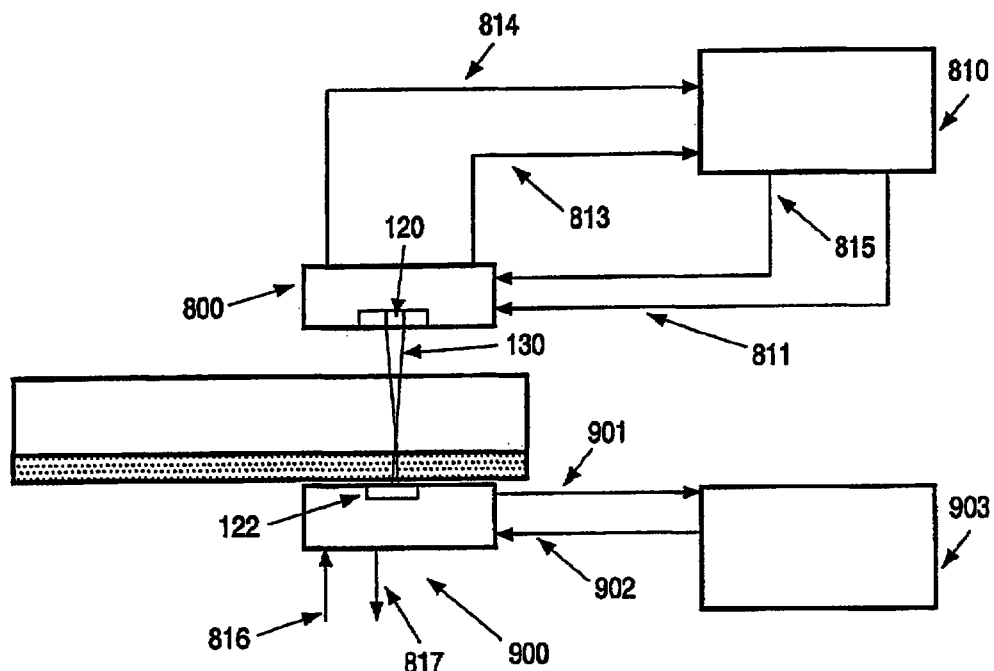
- without international search report and to be republished
upon receipt of that report
- entirely in electronic form (except for this front page) and
available upon request from the International Bureau

(71) Applicant: KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudscweg 1, NL-5621 BA
Eindhoven (NL).

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(72) Inventors: COEHOORN, Reinder; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). CUMPSON, Stephen, R.;

(54) Title: MAGNETIC SCANNING SYSTEM



(57) Abstract: A scanning device for scanning data-carrying disks. The disks include a magnetisable layer to and from which data is written and read using a magnetic transducer, such as a Giant Magneto-Resistive (GMR) transducer. Positioning of the transducer over a data track is achieved by optical tracking using a land/groove structure, and positioning of the transducer with respect to the optical tracking system by means of a reference beam transmitted through the disk.