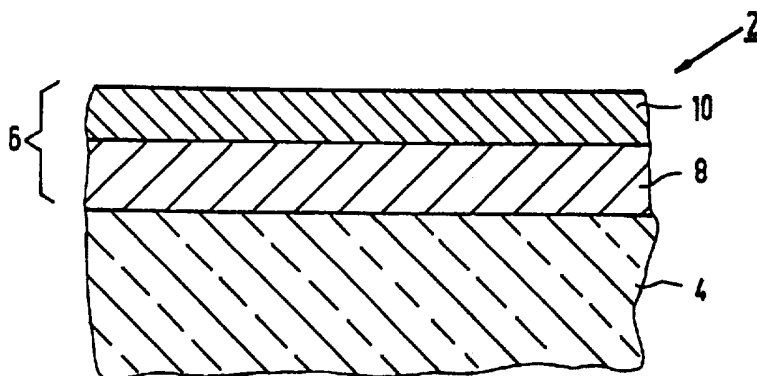




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(71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).		(88) Date of publication of the international search report: 18 January 1996 (18.01.96)	
(71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kottbygatan 5, Kista, S-16485 Stockholm (SE).			
(72) Inventors: BLOEMEN, Pascal, Jean, Henri; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). AAN DE STEGGE, Johannes, Bernardus, Franciscus; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). VAN DER ZAAG, Pieter, Jan; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). WOLF, Ronald, Martin; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).			
(74) Agent: WEENING, Cornelis; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).			

(54) Title: MAGNETO-OPTICAL RECORDING MEDIUM



(57) Abstract

A magneto optical recording medium (2) comprising a substrate (4) and a recording layer (6), the recording layer (6) comprising a bilayer structure consisting of a first layer (8) on which a magnetic second layer (10) is deposited, the second layer (10) demonstrating perpendicular magnetic anisotropy and a saturation remanence of at least 90 %, whereby the magnetic material of the second layer (10) comprises an oxide of iron, and the first layer (8) comprises an oxidic material whose in-plane lattice parameter differs from that of the magnetic material, the growth of the second layer (10) upon the first layer (8) being at least locally epitaxial.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 95/00430

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: G11B 11/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC6: G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CLAIMS, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Journal of Applied Physics, Volume 66, No 9, November 1989, J.-P. Krumme et al, "Optical recording aspects of rf magnetron-sputtered iron-garnet films" page 4393 - page 4407 --	1-8
A	IEEE TRANSLATION JOURNAL ON MAGNETICS IN JAPAN, Volume 7, No 1, January 1992, T.Ebisawa et al, "Properties of CoFe ₂ O ₄ Films Prepared by Annealing Co/Fe Multilayered films in the Atmosphere" page 88 - page 94 -- -----	1-8

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Bo Gustavsson
Telephone No. +46 8 782 25 00