

Title (en)

PRE-ENGRAVED SUBSTRATE FOR MAGNETIC, MAGNETO-OPTICAL OR PHASE TRANSITION OPTICAL DISC, FUNCTIONING BY FIRST SURFACE RECORDING IN THE LANDS, MANUFACTURING METHOD AND RESULTING DISC

Title (de)

VORGRAVIERTES SUBSTRAT FÜR MAGNETISCHE PLATTEN, MAGNETO-OPTISCHE PLATTEN UND OPTISCHE PLATTEN MIT PHASENWECHSEL ZUR AUFZEICHNUNG AUF DIE STEGE DER ERSTEN OBERFLÄCHE, HERSTELLUNGSVERFAHREN UND DERARTIG HERGESTELLTE PLATTEN

Title (fr)

SUBSTRAT PREGRAVE POUR DISQUE MAGNETIQUE, MAGNETO-OPTIQUE OU OPTIQUE A TRANSITION DE PHASE, FONCTIONNANT PAR ENREGISTREMENT EN PREMIERE SURFACE DANS LES LANDS, SON PROCEDE DE FABRICATION ET DISQUE OBTENU

Publication

**EP 1103047 A1 20010530 (FR)**

Application

**EP 98941545 A 19980805**

Priority

FR 9801745 W 19980805

Abstract (en)

[origin: WO0008643A1] The invention concerns a pre-engraved substrate for a memory disc recordable by magnetic, magneto-optical or phase transition constraint, its manufacturing method and the resulting disc. Said pre-engraved substrate comprises a support (1) having at its surface a surface film (2) in a reflecting material and enabling to obtain a surface with optical polish and at least a recordable film (4), the surface film (2) and the film (4) comprising a succession of microgrooves and/or pits (7) representing a pre-formatting signal, the walls (8) of said pits and/or microgrooves (7) being formed in each of films (2) and (4) of the material constituting said film. The invention is useful for making magnetic, magneto-optical and phase transition optical discs, used particularly in the field of computers.

IPC 1-7

**G11B 7/26**; **G11B 7/007**; **G11B 7/013**; **G11B 11/10**; **G11B 5/84**

IPC 8 full level

**G11B 5/00** (2006.01); **G11B 7/007** (2006.01); **G11B 7/26** (2006.01); **G11B 7/09** (2006.01); **G11B 11/105** (2006.01)

CPC (source: EP US)

**G11B 5/00** (2013.01 - EP US); **G11B 7/261** (2013.01 - EP US); **G11B 7/00745** (2013.01 - EP US); **G11B 7/0938** (2013.01 - EP US); **G11B 11/10578** (2013.01 - EP US); **Y10S 428/90** (2013.01 - EP US)

Citation (search report)

See references of WO 0008643A1

Designated contracting state (EPC)

CH DE FR GB LI NL SE

DOCDB simple family (publication)

**WO 0008643 A1 20000217**; EP 1103047 A1 20010530; US 6620480 B1 20030916

DOCDB simple family (application)

**FR 9801745 W 19980805**; EP 98941545 A 19980805; US 74493501 A 20010516