

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

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Application

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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

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IPC 8 full level

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