

Title (en)
OPTICAL DATA CARRIER CONTAINING A PHTHALOCYANINE COLOURING AGENT AS A LIGHT ABSORBING COMPOUND IN THE INFORMATION LAYER

Title (de)
OPTISCHER DATENTRÄGER ENTHALTEND IN DER INFORMATIONSSCHICHT EINEN PHTHALOCYANINFARBSTOFF ALS LICHTABSORBIERENDE VERBINDUNG

Title (fr)
SUPPORT DE DONNEES OPTIQUE COMPRENANT DANS LA COUCHE D'INFORMATIONS UN COLORANT A BASE DE PHTALOCYANINE EN TANT QUE COMPOSE ABSORBANT LA LUMIERE

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Abstract (en)
[origin: WO0225648A1] The invention relates to an optical data carrier containing a preferably transparent substrate which is optionally coated with one or more reflecting layers. A light-inscribable information layer and optionally one or more reflecting layers and optionally a protection layer and another substrate or a covering layer are applied to the surface of said substrate. Said optical data carrier can be inscribed and read with blue light, preferably laser light. The information layer comprises a light absorbing compound and optionally a binding agent. The inventive optical data carrier is characterised in that at least one phthalocyanine colouring agent is used as a light absorbing compound.

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