

Title (en)  
OPTICAL DATA SUPPORT CONTAINING A PHTHALOCYANINE DYE IN THE INFORMATION LAYER AS LIGHT-ABSORBING COMPOUND

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

Title (fr)  
SUPPORT DE DONNEES OPTIQUE CONTENANT DANS LA COUCHE D'INFORMATION, UN COLORANT PHTALOCYANINE COMME COMPOSE PHOTOABSORBANT

Publication  
**EP 1421582 A1 20040526 (DE)**

Application  
**EP 02758471 A 20020819**

Priority

- EP 02758471 A 20020819
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- DE 10212199 A 20020319
- EP 0209240 W 20020819
- EP 01123810 A 20011004
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- EP 02005505 A 20020311

Abstract (en)  
[origin: WO03019548A1] Optical data support, comprising a preferably transparent substrate, optionally pre-coated with one or several reflective layers, on the surface of which an information layer, which may be written by light, optionally one or several reflective layers and optionally a protective layer, or a further substrate or a cover layer are applied, which can be written and read with blue light, preferably laser light, or infra-red light, preferably laser light. The information layer contains a light-absorbing compound and optionally a binding agent, characterised in that at least one phthalocyanine of formula (I) is used as light-absorbing compound, where Me = an axially disubstituted metal atom of the group Si, Ge and Sn, Pc = an unsubstituted phthalocyanine and X1 and X2 independently = halogen, in particular, fluorine, chlorine or bromine.

IPC 1-7  
**G11B 7/24**; **C09B 47/04**; **C09B 47/08**; **C09B 67/00**

IPC 8 full level  
**B41M 5/26** (2006.01); **C09B 44/10** (2006.01); **C09B 47/04** (2006.01); **C09B 47/08** (2006.01); **C09B 67/00** (2006.01); **C09B 67/02** (2006.01); **G11B 7/0045** (2006.01); **G11B 7/007** (2006.01); **G11B 7/24** (2013.01); **G11B 7/244** (2006.01); **G11B 7/247** (2013.01); **G11B 7/248** (2006.01); **G11B 7/249** (2013.01); **G11B 7/26** (2006.01); **G11B 7/254** (2013.01)

CPC (source: EP US)  
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