

Title (en)
METAL COMPLEXES AS LIGHT-ABSORBING COMPOUNDS IN THE INFORMATION LAYER OF OPTICAL DATA CARRIERS

Title (de)
METALLKOMPLEXE ALS LICHTABSORBIERENDE VERBINDUNGEN IN DER INFORMATIONSSCHICHT VON OPTISCHEN DATENTRÄGERN

Title (fr)
COMPLEXES METALLIQUES SERVANT DE COMPOSES PHOTOABSORBANTS DANS LA COUCHE D'INFORMATION DE SUPPORTS DE DONNEES OPTIQUES

Publication
EP 1597322 A2 20051123 (DE)

Application
EP 04707141 A 20040131

Priority

- EP 2004000879 W 20040131
- DE 10305925 A 20030213
- DE 10311562 A 20030317

Abstract (en)
[origin: WO2004072087A2] The invention relates to novel metal complexes for optical data carriers, whereby the latter is preferably a transparent substrate which is, optionally already covered with one or several reflective layers. A light-inscriptible information layer is disposed on the surface thereof, in addition to, optionally, one or several reflective layers and, optionally, a protective layer or another substrate or a covering layer which is inscriptible or readable with blue, red or infrared light, preferably laser light. The information layer contains a light-absorbing compound and, optionally, a binding agent. The invention is characterised in that the at least said metal complex is used as a light-absorbing compound.

IPC 1-7
C09B 45/34; **G11B 7/24**; **C09B 29/09**; **C09B 29/033**; **C09B 29/36**; **C07C 311/21**; **C07C 313/06**; **C07D 209/08**; **C07D 213/89**; **C07D 215/38**; **C07D 239/38**; **C07D 241/18**; **C07D 263/58**; **C07D 277/62**; **C07D 277/76**

IPC 8 full level
C07C 311/21 (2006.01); **C07C 313/06** (2006.01); **C07D 209/08** (2006.01); **C07D 213/89** (2006.01); **C07D 215/38** (2006.01); **C07D 235/04** (2006.01); **C07D 239/38** (2006.01); **C07D 241/18** (2006.01); **C07D 263/58** (2006.01); **C07D 265/14** (2006.01); **C07D 277/62** (2006.01); **C07D 277/76** (2006.01); **C07D 277/82** (2006.01); **C07D 317/62** (2006.01); **C07D 319/18** (2006.01); **C07D 333/34** (2006.01); **C09B 29/033** (2006.01); **C09B 29/08** (2006.01); **C09B 45/00** (2006.01); **C09B 45/34** (2006.01); **C09B 69/04** (2006.01); **G11B 7/246** (2006.01); **G11B 7/2467** (2013.01); **G11B 7/248** (2006.01); **G11B 7/249** (2006.01); **G11B 7/2492** (2013.01); **G11B 7/253** (2006.01); **G11B 7/2534** (2013.01); **G11B 7/257** (2013.01); **G11B 7/258** (2006.01); **G11B 7/259** (2013.01)

CPC (source: EP US)
C07D 213/89 (2013.01 - EP US); **C07D 263/58** (2013.01 - EP US); **C09B 29/0025** (2013.01 - EP US); **C09B 29/084** (2013.01 - EP US); **C09B 45/00** (2013.01 - EP US); **C09B 45/34** (2013.01 - EP US); **C09B 69/045** (2013.01 - EP US); **G11B 7/2467** (2013.01 - EP US); **G11B 7/248** (2013.01 - EP US); **G11B 7/2492** (2013.01 - EP US); **G11B 7/2534** (2013.01 - EP US); **G11B 7/256** (2013.01 - EP US); **G11B 7/259** (2013.01 - EP US); **G11B 2007/2571** (2013.01 - EP US); **G11B 2007/25713** (2013.01 - EP US); **G11B 2007/25715** (2013.01 - EP US)

Citation (search report)
See references of WO 2004072087A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004072087 A2 20040826; **WO 2004072087 A3 20050512**; EP 1597322 A2 20051123; JP 2006518718 A 20060817; TW 200502325 A 20050116; US 2006257613 A1 20061116

DOCDB simple family (application)
EP 2004000879 W 20040131; EP 04707141 A 20040131; JP 2006501682 A 20040131; TW 93103259 A 20040212; US 54444904 A 20040131