

Title (en)
OPTICAL RECORDING MEDIUM

Title (de)
OPTISCHES AUFZEICHNUNGSMEDIUM

Title (fr)
SUPPORT D'ENREGISTREMENT OPTIQUE

Publication
EP 2614503 A1 20130717 (EN)

Application
EP 11764860 A 20110902

Priority
• CZ 2010666 A 20100907
• IB 2011053856 W 20110902

Abstract (en)
[origin: WO2012032448A1] An optical recording medium for making archive records by a laser beam comprising a substrate, recording layer, reflective layer and at least one protective layer where the recording layer (3) comprises a metal elected from the group consisting of Te, Te alloys and composites, and is disposed between a first and a second metal layer (31, 32) exhibiting reflection properties wherein the first metal layer (31) separates the recording layer from a protective layer (2) and a lower substrate (11) on the laser beam irradiation side (7) and the second metal layer (32) from a stabilization layer (5) comprising material selected from the group consisting of boron, boron carbide, boron nitride and carbon on the other side, whereby the stabilization layer (5) is superposed by at least one adhesive layer and an upper substrate (12). A single adhesive layer (61) may be completed by a superposed ultraviolet curing adhesive layer (6) and a second adhesive layer (62).

IPC 8 full level
G11B 7/24 (2013.01); **G11B 7/24067** (2013.01); **G11B 7/2403** (2013.01); **G11B 7/24062** (2013.01); **G11B 7/252** (2006.01); **G11B 7/256** (2006.01)

CPC (source: EP)
G11B 7/24067 (2013.01); **G11B 7/252** (2013.01); **G11B 7/2403** (2013.01); **G11B 7/24062** (2013.01); **G11B 7/256** (2013.01); **G11B 7/258** (2013.01); **G11B 2007/24314** (2013.01); **G11B 2007/24316** (2013.01); **G11B 2007/25708** (2013.01); **G11B 2007/25711** (2013.01); **G11B 2007/25713** (2013.01)

Citation (search report)
See references of WO 2012032448A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012032448 A1 20120315; CZ 2010666 A3 20120104; CZ 302887 B6 20120104; EA 201390337 A1 20130830; EP 2614503 A1 20130717; UA 107511 C2 20150112

DOCDB simple family (application)
IB 2011053856 W 20110902; CZ 2010666 A 20100907; EA 201390337 A 20110902; EP 11764860 A 20110902; UA A201304191 A 20110902