

Title (en)  
DATA CARRIER AND A METHOD OF PRODUCTION OF THE DATA CARRIER

Title (de)  
DATENTRÄGER UND DATENTRÄGER-PRODUKTIONSVERFAHREN

Title (fr)  
SUPPORT DE DONNÉES ET PROCÉDÉ DE PRODUCTION DE SUPPORT DE DONNÉES

Publication  
**EP 3763541 B1 20230809 (EN)**

Application  
**EP 20184544 A 20200707**

Priority  
PL 43054319 A 20190710

Abstract (en)  
[origin: EP3763541A1] The object of the invention is a data carrier comprising a layer at least partially coated with a layer of material with optically variable properties, the layer of material with optically variable properties being transparent, wherein at least part of the area coated with the material with optically variable properties (401) is transparent, wherein the carrier further comprises an at least partially transparent laser-markable layer (104) wherein markings capable of being made with a laser can be applied, such that the markings after being applied will be visible from both sides of the carrier, wherein the laser-markable layer (104) is located so that the laser-made marking (501) after application thereof will partially obscure the visibility of the coating with optically variable properties (401) from one side (601) of the carrier, and from the other side (602) of the carrier it will provide a contrasting background for the coating with optically variable properties (401), therefore providing the marking (501), seen from the laser-unmarked side (602) of the carrier, with optically variable properties. The invention further relates to a method of production of the multi-layered data carrier according to the invention.

IPC 8 full level  
**B42D 25/351** (2014.01); **B42D 25/346** (2014.01); **B42D 25/36** (2014.01); **B42D 25/364** (2014.01); **B42D 25/378** (2014.01); **B42D 25/41** (2014.01); **B42D 25/45** (2014.01); **B42D 25/455** (2014.01); **B42D 25/46** (2014.01)

CPC (source: EP)  
**B42D 25/346** (2014.10); **B42D 25/351** (2014.10); **B42D 25/36** (2014.10); **B42D 25/364** (2014.10); **B42D 25/378** (2013.01); **B42D 25/41** (2014.10); **B42D 25/45** (2014.10); **B42D 25/455** (2014.10); **B42D 25/46** (2014.10)

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)  
**EP 3763541 A1 20210113**; **EP 3763541 B1 20230809**; PL 3763541 T3 20240219; PL 430543 A1 20210111

DOCDB simple family (application)  
**EP 20184544 A 20200707**; PL 20184544 T 20200707; PL 43054319 A 20190710