

Title (en)  
IDENTIFICATION DOCUMENT

Title (de)  
AUSWEISDOKUMENT

Title (fr)  
DOCUMENT D'IDENTITÉ

Publication  
**EP 3245074 A1 20171122 (FR)**

Application  
**EP 16705562 A 20160115**

Priority  
• FR 1550354 A 20150116  
• FR 2016050083 W 20160115

Abstract (en)  
[origin: WO2016113517A1] The invention relates to an ID document which comprises: at least one receiving substrate (301) in or on which an ink (107) which is fluorescent under UV-A lighting is locally deposited, and a multilayer optical security component attached to a substrate (301). The invention is essentially characterised in that the optical component comprises: a structurable layer (102); a reflective dielectric layer (103) discontinuously deposited on the structurable layer (102) in the plane of the component, so as to produce patterns (202), the reflective dielectric layer (103) having a relative transmission of at most 40 % in the UV-B or UV-C range; and an assembly (1040) of at least one layer (1042) including pigments that are fluorescent when energised by UV-B or UV-C, and deposited on said reflective dielectric layer (103) in a uniform or discontinuous manner in the plane of the optical component.

IPC 8 full level  
**B42D 25/324** (2014.01); **B42D 25/328** (2014.01); **B42D 25/36** (2014.01); **B42D 25/373** (2014.01); **B42D 25/387** (2014.01)

CPC (source: CN EP US)  
**B42D 25/324** (2014.10 - CN EP US); **B42D 25/328** (2014.10 - CN EP US); **B42D 25/351** (2014.10 - EP); **B42D 25/36** (2014.10 - CN EP US); **B42D 25/373** (2014.10 - CN EP US); **B42D 25/387** (2014.10 - CN EP US); **B42D 25/445** (2014.10 - EP US)

Citation (search report)  
See references of WO 2016113517A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016113517 A1 20160721**; BR 112017015096 A2 20180417; BR 112017015096 B1 20220712; CN 107405942 A 20171128; CN 107405942 B 20180803; EP 3245074 A1 20171122; EP 3245074 B1 20200520; FR 3031697 A1 20160722; FR 3031697 B1 20201218; MX 2017009316 A 20171211; MX 361360 B 20181204; PH 12017501286 A1 20180115; US 2018029402 A1 20180201; US 9962987 B2 20180508

DOCDB simple family (application)  
**FR 2016050083 W 20160115**; BR 112017015096 A 20160115; CN 201680010266 A 20160115; EP 16705562 A 20160115; FR 1550354 A 20150116; MX 2017009316 A 20160115; PH 12017501286 A 20170714; US 201615543647 A 20160115