Title (en)

MULTILAYER COMPOSITE AND METHOD FOR THE PRODUCTION THEREOF AND A MULTILAYER COMPOSITE FOR A VALUABLE AND / OR SECURITY DOCUMENT

Title (de)

MEHRSCHICHTVERBUND UND VERFAHREN ZU DESSEN HERSTELLUNG SOWIE EIN MEHRSCHICHTVERBUND FÜR EIN WERT- UND/ ODER SICHERHEITSDOKUMENT

Title (fr)

COMPOSITE MULTICOUCHE ET SON PROCÉDÉ DE FABRICATION AINSI QUE COMPOSITE MULTICOUCHE POUR UN DOCUMENT DE VALEUR ET / OU DE SÉCURITÉ

Publication

**EP 3611027 B1 20220831 (DE)**

Application

**EP 19193562 A 20150724**

Priority

- DE 102014110584 A 20140728
- DE 102014110587 A 20140728
- EP 15741553 A 20150724
- EP 2015067011 W 20150724

Abstract (en)

[origin: WO2016016128A1] The invention relates to a multi-layer composite for a security and/or value document and to a method for producing said multi-layer composite, which multi-layer composite comprises at least one data sheet (12). The data sheet has a data side (14) and a title side (15), which title side is composed of at least one fiber layer (18) and at least one layer (16, 17) that is applied to at least one side of the fiber layer (18) and that is composed of a polymer, and the data sheet has a printed image (21) in a printing region, which printed image is applied to the data side (14) of the fiber layer (18). The fiber layer (18) is impregnated with a potting mass (19) at least in some regions in order to change the opacity of the fiber layer (18).

IPC 8 full level

**B42D 25/351** (2014.01); **B42D 25/346** (2014.01); **B42D 25/415** (2014.01); **B42D 25/435** (2014.01); **B42D 25/45** (2014.01)

CPC (source: EP)

**B42D 13/00** (2013.01); **B42D 25/346** (2014.10); **B42D 25/351** (2014.10); **B42D 25/415** (2014.10); **B42D 25/435** (2014.10); **B42D 25/45** (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)

**WO 2016016128 A1 20160204**; EP 3174731 A1 20170607; EP 3174731 B1 20191002; EP 3174734 A1 20170607; EP 3174734 B1 20191030; EP 3611027 A1 20200219; EP 3611027 B1 20220831; WO 2016016129 A1 20160204

DOCDB simple family (application)

**EP 2015067011 W 20150724**; EP 15741553 A 20150724; EP 15747119 A 20150724; EP 19193562 A 20150724; EP 2015067012 W 20150724