

Title (en)
IMPROVEMENTS IN AND RELATING TO SECURITY DOCUMENTS

Title (de)
VERBESSERUNGEN VON UND IN ZUSAMMENHANG MIT SICHERHEITSDOKUMENTEN

Title (fr)
AMÉLIORATIONS DE DOCUMENTS DE SÉCURITÉ

Publication
EP 3166798 B1 20200819 (EN)

Application
EP 15738425 A 20150707

Priority

- GB 201412067 A 20140707
- GB 201415728 A 20140905
- GB 201419991 A 20141110
- GB 2015051964 W 20150707

Abstract (en)
[origin: WO2016005736A1] A method of manufacturing a security device (10) for a security document. The method comprising: providing a substrate (20) having a face (30), the face including a plurality of first walls (50), each first wall (50) being orientated in a first direction and a plurality of second walls (60), each second wall (60) being orientated in a second, different direction; and directing a flow of particles to form a layer of material (70) on one of either (i) each of the plurality of first walls (50) or (ii) each of the plurality of second walls (60).

IPC 8 full level
B42D 25/324 (2014.01); **B42D 25/351** (2014.01); **B42D 25/373** (2014.01); **B42D 25/387** (2014.01); **B42D 25/425** (2014.01); **B42D 25/45** (2014.01)

CPC (source: EP)
B42D 25/324 (2014.10); **B42D 25/351** (2014.10); **B42D 25/373** (2014.10); **B42D 25/387** (2014.10); **B42D 25/425** (2014.10)

Citation (opposition)
Opponent : Oberthur Fiduciaire SAS, VHP Security Paper B.V.

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- US 2009317595 A1 20091224 - BREHM LUDWIG [DE], et al
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- WO 2007093300 A2 20070823 - GIESECKE & DEVRIENT GMBH [DE], et al
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- WO 2010151177 A1 20101229 - JOINT STOCK COMPANY RES AND PRODUCTION CORP KRYPTEN [RU], et al
- EP 2598693 B1 20200930 - OBERTHUR FIDUCIAIRE SAS [FR]

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CN111791629A

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 2016005736 A1 20160114; AU 2015287440 A1 20170209; AU 2015287440 B2 20200423; CA 2991552 A1 20160114; CA 2991552 C 20230815; EP 3166798 A1 20170517; EP 3166798 B1 20200819

DOCDB simple family (application)
GB 2015051964 W 20150707; AU 2015287440 A 20150707; CA 2991552 A 20150707; EP 15738425 A 20150707