

Title (en)
SECURITY ELEMENT AND SECURITY DOCUMENT

Title (de)
SICHERHEITSELEMENT UND SICHERHEITSDOKUMENT

Title (fr)
ELEMENT DE SECURITE ET DOCUMENT SECURISE

Publication
EP 3271192 A1 20180124 (FR)

Application
EP 16711178 A 20160311

Priority
• FR 1552120 A 20150316
• EP 2016055371 W 20160311

Abstract (en)
[origin: WO2016146551A1] The invention relates to a security element (20) for a security document (10), comprising: a first perforated layer (24) made from a first material, defining at least one half-tone raster pattern, and a second layer (26) which is semi-transparent and made from a second material different from the first, said second layer being visible at least through a hole in the first layer.

IPC 8 full level
B42D 25/324 (2014.01); **B42D 25/351** (2014.01); **B42D 25/355** (2014.01); **B42D 25/373** (2014.01)

CPC (source: EP KR RU)
B42D 25/324 (2014.10 - KR RU); **B42D 25/342** (2014.10 - EP); **B42D 25/346** (2014.10 - EP); **B42D 25/351** (2014.10 - EP KR);
B42D 25/355 (2014.10 - EP KR); **B42D 25/373** (2014.10 - EP KR)

Citation (search report)
See references of WO 2016146551A1

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 2016146551 A1 20160922; BR 112017019669 A2 20180515; CN 107635789 A 20180126; CN 107635789 B 20210518;
EP 3271192 A1 20180124; FR 3033735 A1 20160923; FR 3033735 B1 20220304; KR 20180002615 A 20180108;
PH 12017501631 A1 20180212; RU 2017131394 A 20190416; RU 2017131394 A3 20190724; RU 2711314 C2 20200116

DOCDB simple family (application)
EP 2016055371 W 20160311; BR 112017019669 A 20160311; CN 201680016563 A 20160311; EP 16711178 A 20160311;
FR 1552120 A 20150316; KR 20177029713 A 20160311; PH 12017501631 A 20170908; RU 2017131394 A 20160311