

Title (en)

SECURITY ELEMENT, METHOD FOR PRODUCING THE SAME AND DATA CARRIER PROVIDED WITH THE SECURITY ELEMENT

Title (de)

SICHERHEITSELEMENT, VERFAHREN ZUM HERSTELLEN DESSELBEN UND MIT DEM SICHERHEITSELEMENT AUSGESTATTETER DATENTRÄGER

Title (fr)

ÉLÉMENT DE SÉCURITÉ, PROCÉDÉ DE PRODUCTION DE CE DERNIER ET SUPPORT DE DONNÉES ÉQUIPÉ DE L'ÉLÉMENT DE SÉCURITÉ

Publication

EP 3230081 A1 20171018 (DE)

Application

EP 15808107 A 20151208

Priority

- DE 102014018204 A 20141209
- EP 2015002473 W 20151208

Abstract (en)

[origin: WO2016091381A1] The invention relates to a security element for protecting documents of value, comprising a carrier and a layered structure arranged on the carrier, comprising a reflective layer, which is arranged on the carrier by means of an embossed coating with an embossed relief structure, a coloured thin-layer element and a transparent adhesive layer, which is suitable for the adhesive bonding of the security element to an object of value, wherein the reflective layer can be obtained by printing techniques and is based on metal pigments in platelet form, which are of such a nature that they spatially align themselves along the relief structure of the embossed coating and in this way form a reflective layer.

IPC 8 full level

B42D 25/328 (2014.01); **B42D 25/373** (2014.01)

CPC (source: CN EP)

B42D 25/328 (2014.10 - CN EP); **B42D 25/373** (2014.10 - CN EP)

Citation (search report)

See references of WO 2016091381A1

Cited by

EP4311683A1

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)

DE 102014018204 A1 20160609; CN 107000463 A 20170801; CN 107000463 B 20190326; EP 3230081 A1 20171018; EP 3230081 B1 20190220; WO 2016091381 A1 20160616

DOCDB simple family (application)

DE 102014018204 A 20141209; CN 201580064484 A 20151208; EP 15808107 A 20151208; EP 2015002473 W 20151208