Title (en)

METHOD OF MANUFACTURING AN OPTICALLY VARIABLE SECURITY ELEMENT

Title (de)

HERSTELLUNGSVERFAHREN FÜR EIN OPTISCH VARIABLES SICHERHEITSELEMENT

Title (fr)

PROCÉDÉ DE FABRICATION POUR UN ÉLÉMENT DE SÉCURITÉ OPTIQUEMENT VARIABLE

Publication

EP 4067104 B1 20230927 (DE)

Application

EP 22020007 A 20220112

Priority

DE 102021001588 A 20210325

Abstract (en)

[origin: CN115122800A] The invention relates to a method for producing a security element for providing security assurance for valuables, comprising a feature layer (24) having a first and a second feature region (30, 40), in which a different first or second embossing paint layer is present. In the method, a layer of a first embossing paint (42) is applied to the carrier (22) in a first feature region (40). Then, a layer of a different second embossing paint (32) is applied over the entire surface, so that the second embossing paint is present in a second feature region (30) on the carrier (22). The feature layer (24) formed by the two embossing paint layers is then partially stripped from the exposed upper side thereof and thus the first embossing paint region (42) is exposed, so that the first embossing paint layer is arranged next to the first feature region (40) and the second embossing paint layer is arranged next to the second feature region (30) in a precisely aligned manner.

IPC 8 full level

B42D 25/324 (2014.01); **B42D 25/425** (2014.01); **B42D 25/44** (2014.01); **B42D 25/445** (2014.01)

CPC (source: CN EP)

B42D 25/324 (2014.10 - EP); **B42D 25/36** (2014.10 - CN); **B42D 25/373** (2014.10 - CN); **B42D 25/415** (2014.10 - CN); **B42D 25/425** (2014.10 - EP); **B42D 25/44** (2014.10 - EP); **B42D 25/445** (2014.10 - EP)

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)

EP 4067104 A1 20221005; **EP 4067104 B1 20230927**; CN 115122800 A 20220930; DE 102021001588 A1 20220929

DOCDB simple family (application)

EP 22020007 A 20220112; CN 202210229932 A 20220310; DE 102021001588 A 20210325