

Title (en)

METHOD FOR PRODUCING AN OPTICALLY VARIABLE ELEMENT, AND CORRESPONDING ELEMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES OPTISCH VARIABLEN ELEMENTS SOWIE ENTSPRECHENDES ELEMENT

Title (fr)

PROCÉDÉ POUR FABRIQUER UN ÉLÉMENT OPTIQUEMENT VARIABLE, AINSI QU'ÉLÉMENT CORRESPONDANT

Publication

EP 3687826 A1 20200805 (DE)

Application

EP 18779562 A 20180924

Priority

- DE 102017009092 A 20170928
- EP 2018000447 W 20180924

Abstract (en)

[origin: WO2019063121A1] The invention relates to a method for producing an optically variable element, the method comprising the following steps: creating a relief structure formed from a plurality of relief elements (11, 12) lying side by side in a plane, wherein the relief elements have a relief form that is non-parallel to the plane; and selectively modifying the relief structure, wherein the modification and the relief form of the relief elements are matched in such a way that for the viewer, the modified relief structure shows different representations depending on the viewing angle. The relief structure is created by means of an additive method, wherein multiple sub-steps of the additive method are executed for each relief element (11, 12), and the sub-steps for the relief element (11, 12) determine the relief form of the relief element.

IPC 8 full level

B42D 25/324 (2014.01); **B42D 25/378** (2014.01)

CPC (source: EP)

B42D 25/324 (2014.10); **B42D 25/378** (2014.10); **B44F 1/10** (2013.01)

Citation (search report)

See references of WO 2019063121A1

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 102017009092 A1 20190328; EP 3687826 A1 20200805; EP 3687826 B1 20210908; WO 2019063121 A1 20190404

DOCDB simple family (application)

DE 102017009092 A 20170928; EP 18779562 A 20180924; EP 2018000447 W 20180924