

Title (en)

METHOD FOR PRODUCING A SECURITY ELEMENT COMPRISING MAGNETICALLY ALIGNABLE MAGNETIC PIGMENTS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SICHERHEITSELEMENTS MIT MAGNETISCH AUSRICHTBAREN MAGNETPIGMENTEN

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE SÉCURITÉ DOTÉ DE PIGMENTS MAGNÉTIQUES ORIENTABLES

Publication

**EP 3074237 B1 20180418 (DE)**

Application

**EP 14805788 A 20141124**

Priority

- DE 102013019943 A 20131127
- EP 2014003130 W 20141124

Abstract (en)

[origin: WO2015078573A1] The invention relates to a security element for security papers, valuable documents and other data carriers which consists of a substrate having a front side and a rear side, wherein a color layer comprising magnetically aligned magnetic pigments is applied to at least one side of the substrate, said pigments forming a first motif in the form of patterns, characters or a coding, wherein the first motif exhibits a first dynamic movement effect when the security element is tilted, wherein the first dynamic motif is combined with a second motif, wherein the second motif is applied to at least one side of the substrate. The invention furthermore relates to a method for producing a corresponding security element. According to the invention, the second motif is formed by a see-through region in the security element, wherein the see-through region is formed by at least one perforation. A perforation is a region with a reduced thickness of the substrate or complete removal of the substrate. A perforation is thus a partial material removal of the substrate or else a hole in the substrate. In this case, a motif region having a visual impression that is altered in reflected light and/or transmitted light is arranged within the see-through region, said motif region exhibiting a second dynamic movement effect.

IPC 8 full level

**B42D 25/324** (2014.01); **B42D 25/333** (2014.01); **B42D 25/346** (2014.01); **B42D 25/351** (2014.01); **B42D 25/369** (2014.01); **B42D 25/41** (2014.01); **B42D 25/435** (2014.01)

CPC (source: EP)

**B42D 25/324** (2014.10); **B42D 25/333** (2014.10); **B42D 25/346** (2014.10); **B42D 25/351** (2014.10); **B42D 25/369** (2014.10); **B42D 25/41** (2014.10); **B42D 25/435** (2014.10)

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)

**DE 102013019943 A1 20150528**; EP 3074237 A1 20161005; EP 3074237 B1 20180418; WO 2015078573 A1 20150604

DOCDB simple family (application)

**DE 102013019943 A 20131127**; EP 14805788 A 20141124; EP 2014003130 W 20141124