

Title (en)

SECURE ITEM COMPRISING A COMBINED IMAGE AND/OR A REVEALING SCREEN

Title (de)

SICHERES ELEMENT MIT EINEM KOMBINIERTEN BILD UND/ODER EINEM AUFDECKUNGSBILDSCHIRM

Title (fr)

ARTICLE SECURISE COMPORTANT UNE IMAGE COMBINEE ET/OU UNE TRAME DE REVELATION

Publication

**EP 3397501 A1 20181107 (FR)**

Application

**EP 16822188 A 20161223**

Priority

- FR 1563425 A 20151229
- EP 2016082648 W 20161223

Abstract (en)

[origin: WO2017114801A1] The invention relates to a secure item comprising a first optical structure (4) and a second optical structure (4), or an assembly comprising a secure item and another object, the secure item comprising one of the first optical structure (4) and the second optical structure (4), and the object comprising or forming the other one of the first optical structure (4) and the second optical structure (4); the first optical structure (4) comprising a plurality of blocks of the first optical structure (Bi) arranged in different regions of the first optical structure (4); the first optical structure (4) being one of a revealing screen (4) and a combined image, and the second optical structure (4) being the other one of the revealing screen (4) and the combined image; the combined image or, in the presence of blocks of a combined image, each of the combined image blocks, being made up of a plurality of interlaced images; the combined image or each combined image block comprising a periodic alternation of interlaced image elements, in one or more directions; the elements of the interlaced images of a single interlaced image being the same colour, but a different colour from that of the other interlaced images; at least two blocks of the first optical structure each allowing, when the revealing screen (4) and the combined image are vertically adjacent, at a given position and orientation of the revealing screen (4) relative to the combined image and at a given observation angle, the observation of a revealed image in each block of a first optical structure, the revealed images in the two blocks of a first optical structure showing different proportions of the interlaced images.

IPC 8 full level

**B42D 25/305** (2014.01); **B42D 25/342** (2014.01); **B42D 25/351** (2014.01)

CPC (source: EP KR RU US)

**B42D 25/305** (2014.10 - EP KR RU US); **B42D 25/342** (2014.10 - EP KR US); **B42D 25/351** (2014.10 - EP KR US); **B42D 25/355** (2014.10 - EP); **B42D 25/36** (2014.10 - EP); **B42D 25/364** (2014.10 - EP); **B42D 25/373** (2014.10 - EP US); **B42D 25/378** (2014.10 - US); **B42D 25/387** (2014.10 - EP); **B42D 25/391** (2014.10 - EP); **G07D 7/003** (2017.04 - EP US); **G07D 7/207** (2017.04 - EP US); **B42D 25/328** (2014.10 - US); **B42D 25/355** (2014.10 - US); **B42D 25/364** (2014.10 - US)

Citation (search report)

See references of WO 2017114801A1

Cited by

WO2022189584A1; FR3120567A1

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)

**FR 3046110 A1 20170630**; **FR 3046110 B1 20220325**; BR 112018013384 A2 20181204; CN 108883652 A 20181123; CN 108883652 B 20210105; EP 3397501 A1 20181107; EP 3397501 B1 20201104; KR 20180098397 A 20180903; RU 2018123343 A 20200131; RU 2018123343 A3 20200217; RU 2726715 C2 20200715; US 10730336 B2 20200804; US 2019009609 A1 20190110; WO 2017114801 A1 20170706

DOCDB simple family (application)

**FR 1563425 A 20151229**; BR 112018013384 A 20161223; CN 201680082853 A 20161223; EP 16822188 A 20161223; EP 2016082648 W 20161223; KR 20187021894 A 20161223; RU 2018123343 A 20161223; US 201616066185 A 20161223