Title (en)

DATA CARRIER WITH SEE-THROUGH SECURITY ELEMENT

Title (de)

DATENTRÄGER MIT DURCHSICHTSSICHERHEITSELEMENT

Title (fr)

SUPPORT DE DONNÉES COMPRENANT UN ÉLÉMENT DE SÉCURITÉ TRANSPARENT

Publication

EP 3215371 A1 20170913 (DE)

Application

EP 15787134 A 20151023

Priority

- DE 102014016249 A 20141104
- EP 2015002119 W 20151023

Abstract (en)

[origin: WO2016070965A1] The invention relates to a data carrier (10), in particular a value or security document, comprising a composite substrate (30) which comprises a core layer (32) and at least one cover layer (34) and which is provided with a transparent security element. According to the invention, the transparent security element has a shear cut window (16), in the region whereof the core layer (32) of the composite substrate (30) has a through-opening (20) comprising a coherent insert (22) in the shape of a motif lying in the interior and made from the core layer material, wherein the through-opening (20) has a circumferential edge contour (21) along which the insert (22) is connected to the outer regions of the core layer (32) at at least one narrow web region (23) such that the through-opening (20) comprises the coherent insert (22) in the shape of a motif and at least one, preferably non-circular, recess (24).

IPC 8 full level

B42D 25/29 (2014.01); **B41M 3/14** (2006.01); **B42D 25/328** (2014.01); **B42D 25/333** (2014.01); **B42D 25/346** (2014.01); **B42D 25/351** (2014.01); **B42D 25/373** (2014.01); **B42D 25/435** (2014.01); **B42D 25/44** (2014.01)

CPC (source: EP)

B41M 3/14 (2013.01); **B42D 25/328** (2014.10); **B42D 25/333** (2014.10); **B42D 25/346** (2014.10); **B42D 25/351** (2014.10); **B42D 25/373** (2014.10); **B42D 25/435** (2014.10); **B42D 25/44** (2014.10)

Citation (search report)

See references of WO 2016070965A1

Cited by

EP3286013B1

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 102014016249 A1 20160504; EP 3215371 A1 20170913; EP 3215371 B1 20190123; ES 2721533 T3 20190801; PL 3215371 T3 20191231; WO 2016070965 A1 20160512

DOCDB simple family (application)

DE 102014016249 A 20141104; EP 15787134 A 20151023; EP 2015002119 W 20151023; ES 15787134 T 20151023; PL 15787134 T 20151023