

Title (en)

Safety element for data carrier and method for producing same

Title (de)

Sicherheitselement für Datenträger und Verfahren zum Herstellen desselben

Title (fr)

Élément de sécurité pour support de données et son procédé de fabrication

Publication

EP 2199095 A3 20110223 (DE)

Application

EP 09015445 A 20091214

Priority

DE 102008063471 A 20081217

Abstract (en)

[origin: EP2199095A2] The method involves providing a sheet-like substrate with a recess that is formed via an opening in the substrate, where the opening is closed by a film on two sides. Additional security features are formed, and a coating is applied on the film such that a part of the coating adjoins a contour in a custom-fit manner. The contour defines a recessed region of the substrate from a region of the substrate surrounding the recess. The film is printed using a printing ink by offset printing. An independent claim is also included for a transfer element comprising a carrier layer.

IPC 8 full level

B41M 3/10 (2006.01); **B41M 3/14** (2006.01); **B42D 15/00** (2006.01); **D21H 21/40** (2006.01)

CPC (source: EP US)

B41M 3/10 (2013.01 - EP); **B41M 3/14** (2013.01 - EP US); **B42D 25/29** (2014.10 - EP); **B42D 25/333** (2014.10 - EP US); **D21H 21/40** (2013.01 - EP); **B41M 3/008** (2013.01 - EP); **B42D 2033/20** (2022.01 - EP); **B42D 2035/36** (2022.01 - EP)

Citation (search report)

- [AD] EP 1201821 A1 20020502 - CARTIERE DI CORDENONS S P A [IT]
- [AD] WO 2004028825 A2 20040408 - GIESECKE & DEVRIENT GMBH [DE], et al

Cited by

EP2860040A1; EP2993057A1; WO2016169640A1; WO2014180558A1; WO2013075811A3; WO2013124059A1; EP3279006A1; DE102016009440A1; EP3275686A1; DE102016009231A1; EP3209502B1; EP3209502B2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2199095 A2 20100623; EP 2199095 A3 20110223; EP 2199095 B1 20120321; AT E550198 T1 20120415; DE 102008063471 A1 20100701

DOCDB simple family (application)

EP 09015445 A 20091214; AT 09015445 T 20091214; DE 102008063471 A 20081217