

Title (en)
SAFETY ELEMENT AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
SICHERHEITSELEMENT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
ÉLÉMENT DE SÉCURITÉ ET PROCÉDÉ DE FABRICATION

Publication
EP 2225109 B1 20110720 (DE)

Application
EP 08865891 A 20081217

Priority
• EP 2008010740 W 20081217
• DE 102007061827 A 20071220

Abstract (en)
[origin: US2011079997A1] The invention relates to a security element (22) for securing items of value, with a relief structure (22) on which a thin film element (24) having a color shift effect is superposed in an overlap zone, wherein the thin film element (24) includes an absorber layer (30) with gaps (32), in the zone of which a color shift effect is not visible, and with a semitransparent ink layer (34), which is superposed on the thin film element (24) and the relief structure (22) in the area of the gaps (32) in the absorber layer (30), wherein the color impression of the thin film element (24) is coordinated with at least a partial zone of the semitransparent ink layer (34) when viewed under predefined viewing conditions.

IPC 8 full level
B42D 15/00 (2006.01)

CPC (source: EP US)
B42D 25/21 (2014.10 - US); **B42D 25/29** (2014.10 - EP US); **B42D 25/324** (2014.10 - EP US); **B42D 25/328** (2014.10 - EP US); **B42D 25/351** (2014.10 - EP US); **B42D 25/36** (2014.10 - EP); **B42D 25/364** (2014.10 - EP); **B42D 25/369** (2014.10 - EP); **B42D 25/373** (2014.10 - EP); **B42D 25/391** (2014.10 - EP); **B42D 2035/24** (2022.01 - EP)

Cited by
EP3212430B1; EP3212430B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2011079997 A1 20110407; US 8613471 B2 20131224; AT E516968 T1 20110815; DE 102007061827 A1 20090625; EP 2225109 A1 20100908; EP 2225109 B1 20110720; WO 2009080262 A1 20090702

DOCDB simple family (application)
US 80900208 A 20081217; AT 08865891 T 20081217; DE 102007061827 A 20071220; EP 08865891 A 20081217; EP 2008010740 W 20081217