

Title (en)
SECURITY ELEMENT

Title (de)
SICHERHEITSELEMENT

Title (fr)
ÉLÉMENT DE SÉCURITÉ

Publication
EP 2240333 A2 20101020 (DE)

Application
EP 09707424 A 20090124

Priority

- EP 2009000450 W 20090124
- DE 102008007731 A 20080205
- DE 102008016803 A 20080402
- DE 102008051409 A 20081011

Abstract (en)
[origin: WO2009097979A2] The invention relates to optical security elements, the use thereof for identifying and authenticating objects, and methods and devices for identifying and authenticating objects on the basis of said optical security elements.

IPC 8 full level
B42D 15/10 (2006.01); **B42D 15/00** (2006.01)

CPC (source: EP US)
B42D 25/00 (2014.10 - EP US); **B42D 25/29** (2014.10 - EP US); **B42D 25/30** (2014.10 - US); **G02B 5/124** (2013.01 - US); **B42D 25/20** (2014.10 - US); **B42D 2033/18** (2022.01 - EP)

Citation (search report)
See references of WO 2009097979A2

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009097979 A2 20090813; **WO 2009097979 A3 20091112**; BR PI0907765 A2 20150714; BR PI0907765 A8 20160426; CN 102066125 A 20110518; EP 2240333 A2 20101020; JP 2011511322 A 20110407; KR 20100127748 A 20101206; US 2011031735 A1 20110210

DOCDB simple family (application)
EP 2009000450 W 20090124; BR PI0907765 A 20090124; CN 200980111897 A 20090124; EP 09707424 A 20090124; JP 2010545382 A 20090124; KR 20107017377 A 20090124; US 86522709 A 20090124