

Title (en)
SECURITY ELEMENT

Title (de)
SICHERHEITSELEMENT

Title (fr)
ELEMENT DE SECURITE

Publication
EP 1404531 A1 20040407 (DE)

Application
EP 02762299 A 20020624

Priority
• DE 10131153 A 20010628
• EP 0206966 W 20020624

Abstract (en)
[origin: WO03002355A1] The invention relates to a security element that is provided with a first code 40 consisting of a magnetic material and/or a second code 30 consisting of an electrically conductive material, in addition to a third, optically readable code 20, for instance in the form of a negative script and/or bar code, which is in the magnetic and/or electrically conductive code or is preferably produced together with a third neutral material 50, wherein the neutral material is neither electrically conductive nor magnetic. According to the invention, all three materials previously cited cannot be optically distinguished, i.e. viewed with the naked eye, by an observer and thereby appear as a uniform coating made of a single material.

IPC 1-7
B42D 15/00

IPC 8 full level
B42D 15/00 (2006.01)

CPC (source: EP US)
B42D 25/355 (2014.10 - EP US)

Citation (search report)
See references of WO 03002355A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03002355 A1 20030109; AT E444183 T1 20091015; CA 2451548 A1 20030109; CA 2451548 C 20120417; CN 100352668 C 20071205; CN 1522204 A 20040818; DE 10131153 A1 20030116; DE 50213888 D1 20091112; EP 1404531 A1 20040407; EP 1404531 B1 20090930; RU 2004100821 A 20050227; RU 2290316 C2 20061227; UA 74910 C2 20060215; US 2004207194 A1 20041021; US 7037606 B2 20060502

DOCDB simple family (application)
EP 0206966 W 20020624; AT 02762299 T 20020624; CA 2451548 A 20020624; CN 02813062 A 20020624; DE 10131153 A 20010628; DE 50213888 T 20020624; EP 02762299 A 20020624; RU 2004100821 A 20020624; UA 2004010606 A 20020624; US 48132804 A 20040521