

Title (en)

Safety label with authenticity and manipulation evidence

Title (de)

Sicherheitsetikett mit Authentizitäts- und Manipulationsnachweis

Title (fr)

Etiquette de sécurité dotée d'une vérification d'authenticité et de manipulation

Publication

EP 2267686 A1 20101229 (DE)

Application

EP 09006199 A 20090507

Priority

EP 09006199 A 20090507

Abstract (en)

The security element has a carrier substrate comprised of a lacquer layer. A layer with optical, optically active, diffractive, electrically conductive and/or magnetic characteristics is arranged between the substrate and a reflective layer or a layer with high refractive index. An adhesive agent layer is arranged between a colored or pigmented partial separating lacquer layer and a complete adhesive coating i.e. hot- or cold sealing adhesive coating or self adhesive coating. The separating lacquer layer is applied in form of figure, symbol, letter, character string, logo, line or guilloche.

Abstract (de)

Die Erfindung betrifft Sicherheitselement, insbesondere für Sicherheitsetiketten oder -klebebänder, das folgende Schichten aufweist: a) ein Trägersubstrat b) eine reflektierende Schicht oder eine Schicht mit hohem Brechungsindex c) eine partielle Trennlackschicht d) eine vollflächige Klebebeschichtung.

IPC 8 full level

G09F 3/02 (2006.01); **G09F 3/10** (2006.01)

CPC (source: EP US)

G09F 3/0292 (2013.01 - EP US); **G09F 3/0341** (2013.01 - EP); **G09F 3/10** (2013.01 - EP US)

Citation (applicant)

- DE 10022002 A1 20010712 - BEIERSDORF AG [DE]
- WO 0193231 A1 20011206 - OPTAGLIO LTD [GB], et al

Citation (search report)

- [XA] US 2002191234 A1 20021219 - ISHIMOTO MIWA [JP], et al
- [XA] JP H06332379 A 19941202 - TAKEDA GIJUTSU KENKYUSHO KK
- [XA] US 2007212506 A1 20070913 - ADAIR PAUL C [US], et al
- [XA] WO 2007123902 A2 20071101 - DUNMORE CORP [US], et al
- [A] WO 0193231 A1 20011206 - OPTAGLIO LTD [GB], et al
- [A] JP 2002082616 A 20020322 - DAINIPPON PRINTING CO LTD

Cited by

WO2012019722A1

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 2010127730 A1 20101111; CN 102428507 A 20120425; CN 102428507 B 20160120; EP 2267686 A1 20101229; EP 2267686 B1 20131120; ES 2437142 T3 20140109; JP 2012526292 A 20121025; JP 5492292 B2 20140514; KR 101723697 B1 20170405; KR 20120024687 A 20120314; MX 2011011835 A 20111206; MY 153471 A 20150213; PL 2267686 T3 20140430; RU 2011149642 A 20130620; RU 2523255 C2 20140720; SI 2267686 T1 20140228; UA 106075 C2 20140725; US 10115324 B2 20181030; US 2012112450 A1 20120510

DOCDB simple family (application)

EP 2010000762 W 20100208; CN 201080019745 A 20100208; EP 09006199 A 20090507; ES 09006199 T 20090507; JP 2012508917 A 20100208; KR 20117028667 A 20100208; MX 2011011835 A 20100208; MY PI2011005314 A 20100208; PL 09006199 T 20090507; RU 2011149642 A 20100208; SI 200930821 T 20090507; UA A201114411 A 20100208; US 201013266320 A 20100208