

Title (en)

SECURITY ELEMENT FOR MARKING AND/OR IDENTIFYING OBJECTS

Title (de)

SICHERHEITSELEMENT ZUR KENNZEICHNUNG UND/ODER IDENTIFIKATION VON GEGENSTÄNDEN

Title (fr)

ÉLÉMENT DE SÉCURITÉ POUR LA CARACTÉRISATION ET/OU L'IDENTIFICATION D'OBJETS

Publication

EP 2398653 B1 20161109 (DE)

Application

EP 10704767 A 20100215

Priority

- EP 2010001048 W 20100215
- DE 102009009604 A 20090217

Abstract (en)

[origin: WO2010094494A1] The invention relates to a security element for marking and/or identifying objects that can be read or recognized under the use of radiation of specified wavelengths. The security element according to the invention has at least two isomers of a substance that is designed as a structure, wherein the spectral properties of the at least isomers differ in the THz frequency range and can be detected.

IPC 8 full level

G09F 3/00 (2006.01); **B42D 25/29** (2014.01); **G07D 7/14** (2006.01); **G09F 3/02** (2006.01); **G09F 3/03** (2006.01); **G09F 3/10** (2006.01)

CPC (source: EP US)

B42D 25/29 (2014.10 - EP); **B42D 25/36** (2014.10 - US); **B42D 25/387** (2014.10 - US); **G07D 7/14** (2013.01 - EP); **G09F 3/0297** (2013.01 - EP);
G09F 3/0341 (2013.01 - EP); **G09F 3/10** (2013.01 - EP); **B42D 2035/16** (2022.01 - EP); **B42D 2035/34** (2022.01 - EP);
G09F 2003/0277 (2013.01 - EP)

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

DOCDB simple family (publication)

DE 102009009604 A1 20100819; DE 102009009604 B4 20110127; EP 2398653 A1 20111228; EP 2398653 B1 20161109;
WO 2010094494 A1 20100826; WO 2010094494 A9 20101202

DOCDB simple family (application)

DE 102009009604 A 20090217; EP 10704767 A 20100215; EP 2010001048 W 20100215