

Title (en)

METHOD AND DEVICE FOR IDENTIFYING AT LEAST ONE SECURITY ELEMENT OF AT LEAST ONE SECURITY FEATURE OF A SECURITY PRODUCT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR IDENTIFIKATION ZUMINDEST EINES SICHERHEITSELEMENTS MINDESTENS EINES SICHERHEITSMERKMALES EINES SICHERHEITSERZEUGNISSES

Title (fr)

PROCÉDÉ ET DISPOSITIF D'IDENTIFICATION D'AU MOINS UN ÉLÉMENT DE SÉCURITÉ D'AU MOINS UNE CARACTÉRISTIQUE DE SÉCURITÉ D'UN PRODUIT DE SÉCURITÉ

Publication

**EP 3497679 B1 20230927 (DE)**

Application

**EP 17749720 A 20170809**

Priority

- DE 102016215002 A 20160811
- EP 2017070199 W 20170809

Abstract (en)

[origin: WO2018029253A1] The invention relates to a device and a method for identifying at least one security element of at least one security feature (2) of a security product, wherein: the security feature (2) comprises a first substance and at least one additional substance; the first substance is an electroluminescent substance; the additional substance is a substance with an electrical conductivity which can be varied by irradiation; the at least one security feature (2) is irradiated; an alternating electrical field is applied to the security feature (2); electroluminescent radiation emitted by the first substance is detected; and the first substance and/or the additional substance is identified depending on at least one property of the electroluminescent radiation.

IPC 8 full level

**G07D 7/02** (2016.01); **G07D 7/1205** (2016.01)

CPC (source: EP)

**G07D 7/1205** (2017.05); **G07D 7/003** (2017.05); **G07D 7/02** (2013.01)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2018029253 A1 20180215**; DE 102016215002 A1 20180301; EP 3497679 A1 20190619; EP 3497679 B1 20230927;  
ES 2963296 T3 20240326

DOCDB simple family (application)

**EP 2017070199 W 20170809**; DE 102016215002 A 20160811; EP 17749720 A 20170809; ES 17749720 T 20170809