

Title (en)

METHOD AND DEVICE FOR TESTING A SUBSTRATE WITH A LUMINESCENT SUBSTANCE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM PRÜFEN EINES SUBSTRATS MIT EINEM LUMINESZENZSTOFF

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ESSAI D'UN SUBSTRAT À L'AIDE D'UNE SUBSTANCE LUMINESCENTE

Publication

**EP 4143796 A1 20230308 (DE)**

Application

**EP 21725027 A 20210428**

Priority

- DE 102020002587 A 20200429
- EP 2021025157 W 20210428

Abstract (en)

[origin: WO2021219249A1] The invention relates to a method for testing a substrate, preferably a substrate for a value document or a substrate of a value document, with a specified luminescent substance which is introduced and/or applied in a planar manner. A substrate luminescence characteristic is ascertained for the substrate. For this purpose, a number N of luminescence intensity values are detected at different respective locations on the value document, and the substrate luminescence characteristic is ascertained on the basis of the rank order of the luminescence intensity values. Preferably, a test can be carried out to determine whether the substrate luminescence characteristic satisfies a specified criterion.

IPC 8 full level

**G07D 7/20** (2006.01); **G07D 7/202** (2016.01)

CPC (source: EP US)

**G07D 7/12** (2013.01 - US); **G07D 7/2008** (2013.01 - EP); **G07D 7/2016** (2013.01 - EP US); **G07D 7/2041** (2013.01 - EP); **G07D 7/205** (2013.01 - EP US); **G07D 2207/00** (2013.01 - US)

Citation (search report)

See references of WO 2021219249A1

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102020002587 A1 20211104**; EP 4143796 A1 20230308; US 2023186712 A1 20230615; WO 2021219249 A1 20211104

DOCDB simple family (application)

**DE 102020002587 A 20200429**; EP 2021025157 W 20210428; EP 21725027 A 20210428; US 202117921851 A 20210428