

Title (en)

SMARTPHONE-VERIFIABLE, LUMINESCENT-MATERIAL-BASED SECURITY FEATURE AND ASSEMBLY FOR VERIFICATION

Title (de)

SMARTPHONE VERIFIZIERBARES, LEUCHTSTOFFBASIERTES SICHERHEITSMERKMAL UND ANORDNUNG ZUR VERIFIZIERUNG

Title (fr)

CRITÈRE DE SÉCURITÉ À BASE DE SUBSTANCE FLUORESCENTE VÉRIFIABLE PAR ORDIPHONE ET SYSTÈME DE VÉRIFICATION

Publication

EP 3781408 A1 20210224 (DE)

Application

EP 19722000 A 20190415

Priority

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- EP 2019059709 W 20190415

Abstract (en)

[origin: WO2019201877A1] The invention relates to a smartphone-verifiable security feature (01) containing a luminescent material which can be excited to luminescence by visible electromagnetic radiation generated by a smartphone and, after termination of the excitation, exhibits an emission which can be detected by means of an image-capturing unit of the smartphone for a decay time in the range of 1 ms to 100 ms. The invention also relates to an assembly for verifying a security document (02) which comprises such a security feature (01).

IPC 8 full level

B42D 25/387 (2014.01); **B42D 25/29** (2014.01); **B42D 25/382** (2014.01); **G07D 7/1205** (2016.01)

CPC (source: EP)

B42D 25/29 (2014.10); **B42D 25/382** (2014.10); **B42D 25/387** (2014.10); **G07D 7/1205** (2017.04); **G07D 7/205** (2013.01)

Citation (search report)

See references of WO 2019201877A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

DE 102018109141 A 20180417; CN 201980025993 A 20190415; EP 19722000 A 20190415; EP 2019059709 W 20190415; ES 19722000 T 20190415; PL 19722000 T 20190415