

Title (en)

METHOD AND DEVICE FOR THE CONTACTLESS EXCITATION OF ELECTROLUMINESCENT PIGMENTS

Title (de)

DOKUMENTENPRÜFGERÄT UND VERFAHREN ZUR KONTAKTLOSEN ANREGUNG ELEKTROLUMINESZIERENDER PIGMENTE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR EXCITER SANS CONTACT DES PIGMENTS ÉLECTROLUMINESCENTS

Publication

EP 2976680 A1 20160127 (DE)

Application

EP 14711746 A 20140320

Priority

- DE 102013205052 A 20130321
- EP 2014055585 W 20140320

Abstract (en)

[origin: WO2014147169A1] The invention relates to a device for exciting at least one electroluminescent pigment, in particular in a value document or security document (2), without contact, wherein the device (1) comprises at least one electrode (6), wherein the at least one electrode (6) is designed in such a way that an electric flux density of the field (7) that can be generated by the electrode (6) in a predetermined emission direction (9) changes. The invention further relates to a method for contactless excitement.

IPC 8 full level

G03G 15/02 (2006.01); **B42D 15/00** (2006.01); **B42D 25/00** (2014.01); **G07D 7/02** (2016.01); **G07D 7/06** (2006.01)

CPC (source: EP US)

B42D 25/29 (2014.10 - EP); **G07D 7/02** (2013.01 - EP US); **G07D 7/1205** (2017.04 - EP); **B42D 2033/20** (2022.01 - EP); **B42D 2035/34** (2022.01 - EP)

Citation (search report)

See references of WO 2014147169A1

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

DOCDB simple family (publication)

DE 102013205052 A1 20140925; CN 105247417 A 20160113; CN 105247417 B 20181109; EP 2976680 A1 20160127; EP 2976680 B1 20180117; TW 201443789 A 20141116; TW I625676 B 20180601; WO 2014147169 A1 20140925

DOCDB simple family (application)

DE 102013205052 A 20130321; CN 201480017332 A 20140320; EP 14711746 A 20140320; EP 2014055585 W 20140320; TW 103109096 A 20140313