

Title (en)

METHOD FOR CHECKING THE AUTHENTICITY OF A SECURITY DOCUMENT

Title (de)

VERFAHREN ZUR PRÜFUNG DER AUTHENTIZITÄT EINES SICHERHEITSDOKUMENTS

Title (fr)

PROCÉDÉ POUR VÉRIFIER L'AUTHENTICITÉ D'UN DOCUMENT DE SÉCURITÉ

Publication

EP 2932480 A1 20151021 (FR)

Application

EP 13802970 A 20131211

Priority

- FR 1262083 A 20121214
- EP 2013076152 W 20131211

Abstract (en)

[origin: WO2014090839A1] The present invention concerns a method for checking the authenticity of a security document, in particularly a fiduciary document, which comprises an area with, within or at the surface of this area, a reversible mecanoluminescent compound of formula (i): In which R represents an alkyl chain comprising 1 to 12 carbon atoms, which comprises a step in which said area is subjected to ultraviolet radiation such that the whole of said area is visible to the naked eye in a first fluorescent colour (C1), characterised by the fact that it also comprises a step that consists of heating at least said area to a temperature of at least 50° C, without subjecting it to any friction or mechanical stress whatsoever, the revealing of the authenticity of said document being confirmed by the shift from said first colour (C1) to a second fluorescent colour (C2) different from the first.

IPC 8 full level

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WO 2014090839 A1 20140619; AU 2013357384 A1 20150702; AU 2013357384 B2 20170511; BR 112015013941 A2 20170711; BR 112015013941 B1 20211207; CA 2894419 A1 20140619; CA 2894419 C 20210223; CN 105051796 A 20151111; CN 105051796 B 20170901; EP 2932480 A1 20151021; EP 2932480 B1 20180808; FR 2999764 A1 20140620; FR 2999764 B1 20170825; KR 102087329 B1 20200310; KR 20150116822 A 20151016; PL 2932480 T3 20190131; RU 2015128257 A 20170118; RU 2627873 C2 20170814; ZA 201504225 B 20191218

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