

Title (en)

METHOD FOR AUTHENTICATING A SECURITY DOCUMENT COMPRISING A THERMOCHROMATIC ELEMENT AND DATA CONTAINING TEMPERATURE INFORMATION, AND ASSOCIATED SECURITY DOCUMENT

Title (de)

VERFAHREN ZUR AUTHENTIFIZIERUNG EINES EIN THERMOCHROMATISCHES ELEMENT UND TEMPERATURINFORMATIONEN ENTHALTENDE DATEN UMFASSENDE SICHERHEITSDOKUMENTS UND ZUGEHÖRIGES SICHERHEITSDOKUMENT

Title (fr)

PROCEDE D'AUTHENTIFICATION D'UN DOCUMENT DE SECURITE COMPORTANT UN ELEMENT THERMOCHROMIQUE ET UNE INFORMATION RENSEIGNANT SUR UNE TEMPERATURE, ET DOCUMENT DE SECURITE ASSOCIE

Publication

EP 2346644 A1 20110727 (FR)

Application

EP 09744473 A 20091022

Priority

- IB 2009054682 W 20091022
- FR 0857163 A 20081022

Abstract (en)

[origin: WO2010046877A1] The invention relates to a security document (1) comprising: - at least one thermochromatic element (2) which can change in appearance at at least one predefined temperature, - at least one piece of information (3) on the document, associated with said at least one thermochromatic element (2), indicating the temperature at which the appearance of said thermochromatic element changes.

IPC 8 full level

B24D 15/10 (2006.01)

CPC (source: EP US)

B42D 25/29 (2014.10 - EP US); **B42D 25/364** (2014.10 - US); **G01K 11/12** (2013.01 - EP US); **B42D 2033/26** (2022.01 - EP); **B42D 2035/24** (2022.01 - EP); **B42D 2035/34** (2022.01 - EP)

Citation (search report)

See references of WO 2010046877A1

Citation (examination)

EP 1226308 B1 20060621 - GIESECKE & DEVRIENT GMBH [DE]

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

FR 2937279 A1 20100423; BR PI0919940 A2 20160216; CA 2741321 A1 20100429; EP 2346644 A1 20110727; US 2011215561 A1 20110908; WO 2010046877 A1 20100429

DOCDB simple family (application)

FR 0857163 A 20081022; BR PI0919940 A 20091022; CA 2741321 A 20091022; EP 09744473 A 20091022; IB 2009054682 W 20091022; US 200913125731 A 20091022