

Title (en)
CUSTOMIZABLE DOCUMENT FOR PRODUCING A SECURITY DOCUMENT, CUSTOMIZED SECURITY DOCUMENT AND PRODUCTION OF SUCH A SECURITY DOCUMENT

Title (de)
PERSONALISIERBARES DOKUMENT ZUR HERSTELLUNG EINES SICHERHEITSDOKUMENTS, PERSONALISIERTES SICHERHEITSDOKUMENT UND HERSTELLUNG SOLCH EINES SICHERHEITSDOKUMENTS

Title (fr)
DOCUMENT PERSONNALISABLE POUR LA FABRICATION D'UN DOCUMENT DE SECURITE, DOCUMENT DE SECURITE PERSONNALISE ET FABRICATION D'UN TEL DOCUMENT DE SECURITE

Publication
EP 3071420 A1 20160928 (FR)

Application
EP 14789529 A 20140925

Priority
• FR 1361338 A 20131119
• EP 2014070458 W 20140925

Abstract (en)
[origin: WO2015074786A1] According to one aspect, the invention relates to a customizable document for producing a customized security document (10, 20). The customizable document includes, according to an alternative: a layer (12) which can be customized by contact-free writing an opaque customization mask that is transparent in at least one transparency area (121); a first multilayer film (102) arranged on a first side of the customizable layer (12), including a layer having a high refractive index and encapsulated between two layers having a low refractive index, and structured over at least a portion of the surface thereof such as to form a first subwavelength array, characterized by a first array vector, such that the first multilayer film acts at zero order as a wavelength subtractive filter; a second multilayer film (102) arranged on a second side of the customizable layer, opposite the first side, including a layer having a high refractive index and encapsulated between two layers having a low refractive index, and structured over at least a portion of the surface thereof such as to form a second subwavelength array characterized by a second array vector, such that the second multilayer film acts at zero order as a wavelength subtractive filter, the first and second arrays being at least partially stacked.

IPC 8 full level
B42D 25/00 (2014.01); **B42D 25/41** (2014.01)

CPC (source: EP US)
B41M 3/14 (2013.01 - EP US); **B41M 5/267** (2013.01 - EP US); **B42D 25/328** (2014.10 - EP US); **B42D 25/351** (2014.10 - EP US); **B42D 25/435** (2014.10 - EP US); **B42D 25/45** (2014.10 - EP US); **B42D 25/47** (2014.10 - US)

Citation (search report)
See references of WO 2015074786A1

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)
FR 3013258 A1 20150522; FR 3013258 B1 20160219; EP 3071420 A1 20160928; EP 3071420 B1 20180110; US 10076922 B2 20180918; US 2018065397 A1 20180308; WO 2015074786 A1 20150528

DOCDB simple family (application)
FR 1361338 A 20131119; EP 14789529 A 20140925; EP 2014070458 W 20140925; US 201415037973 A 20140925