Title (en)

METHOF OF PMANUFACTURING AN INDIVIDUALISED SECURITY DOCUMENT HAVING RECESSED PORTIONS

Title (de)

VERFAHREN ZUM HERSTELLEN EINES INDIVIDUALISIERTEN SICHERHEITSDOKUMENTS MIT VERTIEFUNGEN

Title (fr)

PROCÉDÉ PERMETTANT DE PRODUIRE UN DOCUMENT DE SÉCURITÉ INDIVIDUALISÉ POURVU D'ÉVIDEMENTS

Publication

EP 3057802 A1 20160824 (DE)

Application

EP 14786655 A 20141017

Priority

- DE 102013221221 A 20131018
- EP 2014072315 W 20141017

Abstract (en)

[origin: WO2015055813A1] The invention relates to a method for producing an individualized security document (90), comprising the steps: providing a plurality of substrate layers; assembling the substrate layers into a substrate layer stack; laminating the substrate layers assembled in the substrate layer stack into a lamination body; providing a digital printing apparatus; printing at least one marking region of an outer surface (19) of the lamination body (11) by means of the digital printing apparatus to save individualization information (18); wherein a micro-structure having a plurality of recesses (14) is imprinted into the lamination body (11) before printing into the outer surface (19) in the at least one marking region (7) and the printing occurs such that a portion of the printed ink penetrates into the recesses (14).

IPC 8 full level

B41M 3/14 (2006.01); **B42D 25/23** (2014.01); **B42D 25/305** (2014.01); **B42D 25/425** (2014.01); **B42D 25/45** (2014.01)

CPC (source: EP RU)

B41M 3/14 (2013.01 - EP RU); **B42D 25/425** (2014.10 - EP); **B42D 25/45** (2014.10 - EP)

Citation (search report)

See references of WO 2015055813A1

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)

WO 2015055813 A1 20150423; CN 105682931 A 20160615; CN 105682931 B 20190122; DE 102013221221 A1 20150423; EP 3057802 A1 20160824; EP 3057802 B1 20180221; RU 2016119044 A 20171123; RU 2016119044 A3 20180525; RU 2674913 C2 20181213

DOCDB simple family (application)

EP 2014072315 W 20141017; CN 201480057227 A 20141017; DE 102013221221 A 20131018; EP 14786655 A 20141017; RU 2016119044 A 20141017