

Title (en)

PROCESS FOR TREATING THE SURFACE OF A SECURITY DOCUMENT AND SECURITY DOCUMENT

Title (de)

VERFAHREN ZUR BEHANDLUNG DER OBERFLÄCHE EINES SICHERHEITSDOKUMENTS UND SICHERHEITSDOKUMENT

Title (fr)

PROCEDE DE TRAITEMENT DE SURFACE D'UN DOCUMENT DE SECURITE ET DOCUMENT DE SECURITE ASSOCIE

Publication

**EP 3083263 B1 20170621 (FR)**

Application

**EP 14814894 A 20141218**

Priority

- FR 1363309 A 20131220
- EP 2014078596 W 20141218

Abstract (en)

[origin: WO2015091873A1] The invention relates to a process for the surface treatment of a security document which comprises, at least on one of its opposite faces, at least one security printing consisting of at least one pattern, this face and this at least one associated printing being covered with a transparent protective coating, in which a varnish comprising crystalline nanocellulose in a portion of 0.5% to 10% by weight of the varnish is put in place via the printing or coating technique on said at least one face, and in which said varnish layer is dried.

IPC 8 full level

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CPC (source: EP KR RU)

**B41M 7/02** (2013.01 - EP KR); **B42D 25/29** (2014.10 - EP KR RU); **B42D 25/378** (2013.01 - EP KR); **B41M 2205/40** (2013.01 - EP KR)

Citation (opposition)

Opponent : Giesecke+Devrient Currency Technology GmbH

- US 5629055 A 19970513 - REVOL JEAN-FRANÇOIS [CA], et al
- WO 2010066029 A1 20100617 - FPINNOVATIONS [CA], et al
- WO 2010124378 A1 20101104 - FPINNOVATIONS [CA], et al
- EP 0745112 B1 20000920 - PULP AND PAPER [CA]
- WO 2012127110 A1 20120927 - UPM KYMMENE CORP [FI], et al
- JP S5428099 B2 19790913

Opponent : Giesecke+Devrient Mobile

- US 5629055 A 19970513 - REVOL JEAN-FRANÇOIS [CA], et al
- WO 2010066029 A1 20100617 - FPINNOVATIONS [CA], et al
- WO 2010124378 A1 20101104 - FPINNOVATIONS [CA], et al
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- WO 2012127110 A1 20120927 - UPM KYMMENE CORP [FI], et al

Designated contracting state (EPC)

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DOCDB simple family (application)

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