

Title (en)

METHOD FOR PRODUCING A SECURITY DOCUMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SICHERHEITSDOKUMENTES

Title (fr)

PROCÉDÉ DE FABRICATION D'UN DOCUMENT DE SÉCURITÉ

Publication

EP 2340331 A1 20110706 (FR)

Application

EP 09740984 A 20091012

Priority

- IB 2009054461 W 20091012
- FR 0856880 A 20081010

Abstract (en)

[origin: WO2010041226A1] The invention relates to a method for making a security document comprising a fibrous material shaped in a paper machine, in which a security element (1) is incorporated into the security document, said method comprising a step consisting of treating the security element (1) in-line at atmospheric pressure with a plasma discharge (2) just before the security element is incorporated into the fibrous material or transferred onto a sheet exiting the paper machine.

IPC 8 full level

D21H 21/40 (2006.01); **D21H 21/42** (2006.01); **D21H 21/44** (2006.01); **D21H 21/48** (2006.01); **D21H 23/04** (2006.01)

CPC (source: EP US)

B42D 25/355 (2014.10 - EP US); **B42D 25/405** (2014.10 - US); **D21H 21/40** (2013.01 - EP US); **D21H 21/42** (2013.01 - EP US);
D21H 21/44 (2013.01 - EP US); **D21H 21/48** (2013.01 - EP US); **D21H 23/04** (2013.01 - EP US); **B42D 25/328** (2014.10 - EP US);
B42D 2035/20 (2022.01 - EP)

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)

WO 2010041226 A1 20100415; EP 2340331 A1 20110706; FR 2937058 A1 20100416; FR 2937058 B1 20120106; US 2011214828 A1 20110908

DOCDB simple family (application)

IB 2009054461 W 20091012; EP 09740984 A 20091012; FR 0856880 A 20081010; US 200913123456 A 20091012