

Title (en)

METHOD AND DEVICE FOR THE SECURE PROTECTION OF OFFICIAL DOCUMENTS BY MEANS OF A TRANSPARENT FILM HAVING A SINGLE CONTINUOUS THERMOPLASTIC LAYER

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SICHEREN SCHUTZ DER OFFIZIELLEN DOKUMENTE MITTELS EINER TRANSPARENTEN FOLIE MIT EINER EINZIGEN UNUNTERBROCHENEN THERMOPLASTISCHEN SCHICHT

Title (fr)

PROCEDE ET DISPOSITIF DE PROTECTION SECURITAIRE DE DOCUMENTS OFFICIELS A L'AIDE D'UN FILM TRANSPARENT A COUCHE CONTINUE UNIQUE THERMOPLASTIQUE

Publication

**EP 2822764 A1 20150114 (FR)**

Application

**EP 13711092 A 20130305**

Priority

- FR 1200659 A 20120305
- FR 2013050464 W 20130305

Abstract (en)

[origin: WO2013132186A1] The invention relates to a method for the secure protection of a surface portion (5) of an official document (9) in which a transparent security film is heat-transferred onto said surface portion. The security film includes a single continuous layer (2) which determines the format thereof and has a thickness of 5 µm to 25 µm, made up of a thermoplastic resin having a glass-transition temperature of 30 °C to 120 °C. A protective device supporting said security film is laminated at a lamination temperature higher than said glass-transition temperature in order to perform the transfer thereof.

IPC 1-7

**B42D 15/10**

IPC 8 full level

**B32B 27/30** (2006.01); **B41M 7/00** (2006.01); **B42D 15/00** (2006.01); **B42D 25/36** (2014.01); **B42D 25/378** (2014.01); **B42D 25/455** (2014.01); **B42D 25/46** (2014.01); **B44C 1/17** (2006.01)

CPC (source: EP US)

**B41M 7/0027** (2013.01 - EP); **B42D 25/36** (2014.10 - EP); **B42D 25/378** (2014.10 - EP); **B42D 25/455** (2014.10 - EP US); **B42D 25/46** (2014.10 - EP US); **B42D 2033/30** (2022.01 - EP)

Citation (search report)

See references of WO 2013132186A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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