

Title (en)

METHOD OF PRINTING SECURITY FEATURES ON A THERMOPLASTIC SHEET

Title (de)

VERFAHREN ZUM DRUCKEN VON SICHERHEITSMERKMALEN AUF EINE THERMOPLASTISCHE FOLIE

Title (fr)

PROCÉDÉ D'IMPRESSION DE SIGNES DE SÉCURITÉ SUR UNE FEUILLE THERMOPLASTIQUE

Publication

**EP 3718783 A1 20201007 (EN)**

Application

**EP 19166656 A 20190401**

Priority

EP 19166656 A 20190401

Abstract (en)

The invention relates to a method of printing a sheet (4) intended to form an attachment part (6) of a data page for an identification document, characterized in that it comprises the following steps:- providing a first sheet (4) made of a first thermoplastic material and intended to form the attachment part (6),- placing at least one second sheet (10) made of a second thermoplastic material at least locally against one face of the first sheet (4), the at least one second sheet (10) comprising at least one security feature (12) printed on it,- laminating the first sheet (4) and the at least one second sheet (10) at a temperature and a pressure lower than the melting point of the second thermoplastic material and allowing to transfer the printed security feature (12) to the first sheet (4).

IPC 8 full level

**B42D 25/405** (2014.01); **B42D 25/24** (2014.01)

CPC (source: EP)

**B42D 25/24** (2014.10); **B42D 25/405** (2014.10)

Citation (search report)

- [A] WO 2016196723 A1 20161208 - D A OFFRAY & SON INC [US]
- [A] EP 0917966 A1 19990526 - GIESECKE & DEVRIENT GMBH [DE]
- [A] EP 1878589 A1 20080116 - SETEC OY [FI]

Designated contracting state (EPC)

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