

Title (en)

POLYMER SUBSTRATE FOR PRODUCING POLYMER VALUABLE DOCUMENTS OR POLYMER SECURITY DOCUMENTS

Title (de)

POLYMERSUBSTRAT ZUR HERSTELLUNG VON POLYMER-WERTPAPIEREN ODER POLYMER-SICHERHEITSPAPIEREN

Title (fr)

SUBSTRAT POLYMÈRE DESTINÉ À LA FABRICATION DE TITRES EN POLYMÈRE OU DE PAPIERS DE SÉCURITÉ EN POLYMÈRE

Publication

EP 3939803 B1 20240508 (DE)

Application

EP 20198892 A 20200929

Priority

EP 20198892 A 20200929

Abstract (en)

[origin: CA3194206A1] The invention relates to a polymer substrate (1) for producing polymer value papers (2) or polymer security papers (3), to a polymer value paper (2) or a polymer security paper (3), and to a method for producing a polymer substrate (1). The polymer substrate (1) comprises a polymer support layer (4) and at least one security element (5), wherein the security element (5) is applied onto and/or into the polymer support layer (4), and a primer (6) is at least partly applied onto a first substrate side (7) and/or a second substrate side (8) of the polymer substrate (1). The primer (6) is at least partly arranged between the polymer support layer (4) and the security element (5) and/or at least partly covers the security element (5) and/or the polymer support layer (4). Security element (5) regions covered by the primer (6) are less readily visible than security element (5) regions not covered by the primer (6) and/or polymer support layer (4) regions not covered by the primer (6).

IPC 8 full level

B42D 25/36 (2014.01); **B42D 25/378** (2014.01)

CPC (source: EP KR US)

B42D 25/351 (2014.10 - US); **B42D 25/36** (2014.10 - EP KR US); **B42D 25/378** (2013.01 - EP KR); **B42D 25/455** (2014.10 - EP KR);
B42D 25/46 (2014.10 - EP KR); **B42D 25/465** (2014.10 - US)

Cited by

EP4357148A1

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

DOCDB simple family (publication)

EP 3939803 A1 20220119; EP 3939803 B1 20240508; EP 3939803 C0 20240508; AU 2021354757 A1 20230504; AU 2021354757 B2 20240606;
CA 3194206 A1 20220407; CN 116507504 A 20230728; EP 4221989 A1 20230809; KR 20230070045 A 20230519;
US 2023331022 A1 20231019; WO 2022069484 A1 20220407

DOCDB simple family (application)

EP 20198892 A 20200929; AU 2021354757 A 20210928; CA 3194206 A 20210928; CN 202180066264 A 20210928;
EP 2021076680 W 20210928; EP 21783514 A 20210928; KR 20237013871 A 20210928; US 202118028964 A 20210928