

Title (en)
SECURITY PAPER

Title (de)
SICHERHEITSPAPIER

Title (fr)
FEUILLE SECURISEE

Publication
EP 3784498 A1 20210303 (FR)

Application
EP 19717325 A 20190417

Priority
• FR 1853542 A 20180423
• EP 2019059912 W 20190417

Abstract (en)
[origin: WO2019206760A1] Security paper comprising: – at least one paper-making substrate (10), – at least one watermark (11) formed on the paper-making substrate (10), this watermark having an external contour (13), – at least one opening (12) with an even edge created by ablation of the paper-making substrate, – at least one security film (15) at least partially superposed on the watermark (11) and on the opening (12), this paper being characterized in that said at least one opening (12) extends inside the watermark (11) as delimited by its external contour.

IPC 8 full level
B42D 25/333 (2014.01); **B42D 25/328** (2014.01); **B42D 25/346** (2014.01); **B42D 25/355** (2014.01); **B42D 25/373** (2014.01);
B42D 25/435 (2014.01); **B42D 25/44** (2014.01)

CPC (source: EP KR US)
B42D 25/328 (2014.10 - EP KR US); **B42D 25/333** (2014.10 - EP KR US); **B42D 25/346** (2014.10 - EP US); **B42D 25/351** (2014.10 - US);
B42D 25/355 (2014.10 - EP KR US); **B42D 25/364** (2014.10 - KR); **B42D 25/373** (2014.10 - EP KR US); **B42D 25/435** (2014.10 - EP KR US);
B42D 25/44 (2014.10 - EP KR US)

Citation (search report)
See references of WO 2019206760A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3080324 A1 20191025; **FR 3080324 B1 20220401**; BR 112020021374 A2 20210126; CN 112074416 A 20201211;
CN 112074416 B 20230110; EP 3784498 A1 20210303; JP 2021522087 A 20210830; KR 20210005615 A 20210114; US 11491815 B2 20221108;
US 2021146712 A1 20210520; WO 2019206760 A1 20191031

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FR 1853542 A 20180423; BR 112020021374 A 20190417; CN 201980027581 A 20190417; EP 19717325 A 20190417;
EP 2019059912 W 20190417; JP 2020560324 A 20190417; KR 20207031854 A 20190417; US 201917048796 A 20190417