

Title (en)
Security document

Title (de)
Security document

Title (fr)
Document de sécurité

Publication
EP 1800891 A1 20070627 (EN)

Application
EP 05028337 A 20051223

Priority
EP 05028337 A 20051223

Abstract (en)

The invention relates to a security document, in particular a bank note 1, comprising a substrate 2 having corners A, B, C, D and sides a, b, c, d joined at the corners. At least one of the corners of the substrate of the security document according to the present invention is provided with a lined embossing pattern (4) made by an intaglio printing process. The lined corner embossing pattern (4) comprises a plurality of contacting or intersecting lines significantly improving the rigidity of the substrate so that the danger of folding or bending of the corner is reduced. According to a preferred embodiment of the invention, at least one of the sides a, b, c, d of the security document is also provided with a lined embossing pattern (5) made by an intaglio printing process so that the danger of a damage of the security document is further minimized.

IPC 8 full level
B42D 15/00 (2006.01)

CPC (source: EP US)
B42D 25/29 (2014.10 - EP US); **B42D 25/425** (2014.10 - US); **B41M 3/14** (2013.01 - EP); **B42D 2033/24** (2022.01 - EP)

Citation (search report)

- [X] EP 1466755 A2 20041013 - RUE DE INT LTD [GB]
- [X] US 2005163970 A1 20050728 - PEARSON NICHOLAS G [GB]
- [X] WO 9936265 A1 19990722 - HEIDELBERGER DRUCKMASCH AG [DE], et al

Cited by
EP2977223A1; EP3228744A1; WO2014095039A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1800891 A1 20070627

DOCDB simple family (application)
EP 05028337 A 20051223