

Title (en)
Security document and method for its production

Title (de)
Sicherheitsdokument und Verfahren zu dessen Herstellung

Title (fr)
Document de sécurité et son procédé de fabrication

Publication
EP 1997643 A3 20090819 (DE)

Application
EP 08009688 A 20080528

Priority
DE 102007025860 A 20070601

Abstract (en)
[origin: EP1997643A2] The document (1) has a carrier substrate (1a) with which a safety foil element (2) is connected. The foil element comprises two layers, where each layer has a safety identification e.g. half-tone image, which is formed by a group of micro-perforations (4) in the appropriate layer. The safety identification is visually detectable when viewing the document with transmitted light. Information or part of information is formed when viewing the safety identifications with transmitted light. The foil element is covered by an optional lamination with a transparent plastic foil. An independent claim is also included for a method for producing a security document.

IPC 8 full level
B42D 15/00 (2006.01)

CPC (source: EP US)
B42D 25/21 (2014.10 - US); **B42D 25/24** (2014.10 - US); **B42D 25/27** (2014.10 - US); **B42D 25/29** (2014.10 - EP US);
B42D 25/324 (2014.10 - EP); **B42D 25/328** (2014.10 - EP); **B42D 25/333** (2014.10 - EP US); **B42D 25/346** (2014.10 - EP US);
B42D 25/351 (2014.10 - EP); **B42D 25/36** (2014.10 - EP); **B42D 25/364** (2014.10 - EP); **B42D 25/41** (2014.10 - EP); **B42D 25/43** (2014.10 - EP);
B42D 25/435 (2014.10 - EP); **B42D 25/44** (2014.10 - EP); **B42D 25/445** (2014.10 - EP); **B42D 2033/22** (2022.01 - EP)

Citation (search report)
• [X] JP 2005001344 A 20050106 - NAT PRINTING BUREAU
• [X] JP 2004223867 A 20040812 - NAT PRINTING BUREAU
• [X] GB 1319928 A 19730613 - LANDIS & GYR AG
• [A] WO 2006066803 A1 20060629 - GIESECKE & DEVRIENT GMBH [DE], et al
• [A] EP 1602782 A2 20051207 - BANQUE DE FRANCE [FR]

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WO2020079018A1; EP3322595B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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DOCDB simple family (application)
EP 08009688 A 20080528; AT 08009688 T 20080528; DE 102007025860 A 20070601