

Title (en)

Security document and process for production thereof

Title (de)

Sicherheitsdokument und Verfahren zu seiner Herstellung

Title (fr)

Document de sécurité et son procédé de fabrication

Publication

**EP 0748896 B1 20020911 (DE)**

Application

**EP 96109215 A 19960607**

Priority

DE 19521048 A 19950609

Abstract (en)

[origin: US6146773A] The invention relates to a security document, in particular a bank note, identity card or the like, provided with a magnetic security element. The security element preferably consists of a carrier foil having applied thereto a magnetic material whose coercivity is between 10 and 250 oersteds (Oe).

IPC 1-7

**D21H 21/48**; **D21H 21/42**; **B42D 15/10**

IPC 8 full level

**B42D 15/00** (2006.01); **B42D 15/10** (2006.01); **B42D 25/355** (2014.01); **D21H 21/42** (2006.01); **D21H 21/48** (2006.01); **G07D 7/04** (2016.01); **G07F 7/08** (2006.01)

CPC (source: EP US)

**B42D 25/355** (2014.10 - EP US); **B42D 25/369** (2014.10 - US); **B42D 25/373** (2014.10 - US); **D21H 21/48** (2013.01 - EP US); **G07D 7/04** (2013.01 - US); **G07F 7/086** (2013.01 - EP US); **B42D 2033/10** (2022.01 - EP); **B42D 2033/16** (2022.01 - EP); **G07D 7/04** (2013.01 - EP); **Y10S 428/90** (2013.01 - EP US); **Y10T 428/12465** (2015.01 - EP US)

Cited by

EP1310907A3; CN112497952A; EP1034504A4; WO03002355A1; US8544893B2; WO2006042667A1; EP0998396B1

Designated contracting state (EPC)

CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

**US 6146773 A 20001114**; DE 19521048 A1 19961212; DE 59609639 D1 20021017; EP 0748896 A1 19961218; EP 0748896 B1 20020911; ES 2180675 T3 20030216; HU 224506 B1 20051028; HU 9601578 D0 19960729; HU P9601578 A2 19970128; HU P9601578 A3 19990428; PL 185817 B1 20030829; PL 314678 A1 19961223; SI 0748896 T1 20021231

DOCDB simple family (application)

**US 66085496 A 19960610**; DE 19521048 A 19950609; DE 59609639 T 19960607; EP 96109215 A 19960607; ES 96109215 T 19960607; HU P9601578 A 19960607; PL 31467896 A 19960607; SI 9630513 T 19960607