

Title (en)

Safety paper for producing valuable documents

Title (de)

Sicherheitspapier zur Herstellung von Wertdokumenten

Title (fr)

Papier de sécurité pour la fabrication de documents de valeur

Publication

**EP 2266815 A2 20101229 (DE)**

Application

**EP 10010072 A 20040722**

Priority

- EP 04763409 A 20040722
- DE 10334310 A 20030728

Abstract (en)

The security paper, for security documents, incorporates at least two large-surface elements e.g. a patch (11) and strip (12), which can be checked visually and have a variable optical effect. At least one element has a thin and multi-layer structure and at least one contains pigments and especially interference layer pigments, liquid crystal pigments or luminescent pigments. The security elements can have relief diffraction structures, a hologram, and the like. The security elements can be printed or applied by transfer, they can overlap to give a pattern, and cannot be separated from the paper.

Abstract (de)

Die Erfindung betrifft ein Sicherheitspapier zur Herstellung von Wertdokumenten, wie Banknoten, Pässen, Ausweisdokumenten oder dergleichen, wobei das Sicherheitspapier wenigstens zwei großflächige (#¥ 1 cm 2 ) Sicherheitselemente mit visuell prüfbaren, optisch variablen Effekt aufweist.

IPC 8 full level

**B42D 15/00** (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP)

**B42D 25/29** (2014.10)

Citation (applicant)

- EP 0608078 B1 19980715 - PORTALS BATHFORD LTD [GB]
- EP 0395410 B1 19970813 - FLEX PRODUCTS INC [US]
- EP 0330733 A1 19890906 - GAO GES AUTOMATION ORG [DE]

Cited by

CN103635331A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005011998 A2 20050210; WO 2005011998 A3 20050721**; DE 10334310 A1 20050224; EP 1651449 A2 20060503; EP 1651449 B1 20121205; EP 2266815 A2 20101229; EP 2266815 A3 20121114; ES 2397698 T3 20130308

DOCDB simple family (application)

**EP 2004008211 W 20040722**; DE 10334310 A 20030728; EP 04763409 A 20040722; EP 10010072 A 20040722; ES 04763409 T 20040722