

Title (en)

Security paper with thread- or tape-like security element.

Title (de)

Sicherheitspapier mit einem faden- oder bandförmigen Sicherheitselement.

Title (fr)

Papier de sécurité contenant un élément de sécurité en forme de fil ou de bande.

Publication

EP 0659936 A3 19960207 (DE)

Application

EP 94120464 A 19941222

Priority

DE 4344298 A 19931223

Abstract (en)

[origin: EP0659936A2] The invention relates to a security paper having a security element in the form of a thread or tape which consists of a translucent plastic film having at least partially opaque coating. The security element has at least one first opaque coating and a translucent region adjoining this opaque coating, as well as items of information which extend from the first opaque coating into the translucent region. <IMAGE>

IPC 1-7

D21H 21/44

IPC 8 full level

B42D 15/00 (2006.01); **B42D 25/355** (2014.01); **D21H 21/44** (2006.01); **G07D 7/12** (2016.01); **G07D 7/20** (2016.01)

CPC (source: EP US)

B42D 25/355 (2014.10 - EP US); **D21H 21/44** (2013.01 - EP US); **G07D 7/12** (2013.01 - EP US); **Y10S 428/916** (2013.01 - EP US)

Citation (search report)

- [AD] EP 0330733 A1 19890906 - GAO GES AUTOMATION ORG [DE]
- [A] GB 2250474 A 19920610 - PORTALS LTD [GB]

Cited by

EP2463438A1; WO2007036696A1; FR2901812A1; EP3954544A1; GB2430647B; EA012364B1; AU2006296444B2; EA014139B1; US6199911B1; WO2015173753A1; US8684417B2; WO9844199A1; WO2007141459A3; WO2007036683A1; WO2008095706A1; WO2012139354A1; WO2022034193A1; EP3142864B1; US6471247B1; US6471248B2; EP2138318B2; EP2384901B2; EP2723945B1; EP2864131B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0659936 A2 19950628; **EP 0659936 A3 19960207**; **EP 0659936 B1 20000412**; AT E191760 T1 20000415; DE 4344298 A1 19950629; DE 59409288 D1 20000518; ES 2144030 T3 20000601; FI 115545 B 20050531; FI 946078 A0 19941223; FI 946078 A 19950624; US 5573639 A 19961112

DOCDB simple family (application)

EP 94120464 A 19941222; AT 94120464 T 19941222; DE 4344298 A 19931223; DE 59409288 T 19941222; ES 94120464 T 19941222; FI 946078 A 19941223; US 35815394 A 19941216