

Title (en)

Security elements with machine readable features and colour effects

Title (de)

Sicherheitselemente mit maschinenlesbaren Merkmalen und Farbeffekten

Title (fr)

Element de sécurité avec des caractéristiques lisibles par machine et des effets colore

Publication

**EP 1500521 A3 20101013 (DE)**

Application

**EP 04014037 A 20040616**

Priority

AT 11482003 A 20030722

Abstract (en)

[origin: EP1500521A2] The tag has an encoded, machine-readable attribute. This is covered by a white, colored or luminescent layer of effect pigments.

IPC 8 full level

**B41M 3/14** (2006.01); **B42D 15/00** (2006.01); **B42D 15/10** (2006.01); **G06K 19/10** (2006.01); **G09F 3/00** (2006.01)

CPC (source: EP US)

**B41M 3/14** (2013.01 - EP); **B42D 25/00** (2014.10 - EP); **B42D 25/21** (2014.10 - US); **G09F 3/00** (2013.01 - EP); **B41M 3/144** (2013.01 - EP); **B42D 25/387** (2014.10 - EP); **B42D 2033/16** (2022.01 - EP); **B42D 2035/34** (2022.01 - EP)

Citation (search report)

- [E] EP 1488935 A2 20041222 - HUECK FOLIEN GMBH [AT]
- [XY] DE 19548528 A1 19970626 - GIESECKE & DEVRIENT GMBH [DE]
- [X] DE 19907697 A1 20000824 - GIESECKE & DEVRIENT GMBH [DE]
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Cited by

EP1746531A1; EP2136347A3; DE102009005970A1; US9783135B2; DE102016207756A1; WO2017191008A1; US11040564B2

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

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

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