

Title (en)

Security element with magnetic coding, manufacturing process and arrangement for its use

Title (de)

Sicherheitselement mit magnetischer Codierung, Verfahren und Vorrichtung zu dessen Herstellung und Verwendung

Title (fr)

Élément de sécurité à codage magnétique, procédé de fabrication et dispositif l'utilisant

Publication

EP 1488935 A3 20111228 (DE)

Application

EP 04013942 A 20040615

Priority

AT 9352003 A 20030617

Abstract (en)

[origin: EP1488935A2] The device has magnetic coding produced on a flexible carrying substrate simultaneously with possible transparent cut-outs in the form of patterns, characters, letters, geometric figures, lines, holes and similar by printing in situ. The coding can be read both by the individually defined code elements and from the different intensity of the magnetic field strength. Independent claims are also included for the following: (a) a film material with magnetic coding (b) a method of manufacturing a film material with magnetic coding (c) a method of manufacturing a security element with magnetic coding (d) a printing tool for manufacturing a security element with magnetic coding (e) a method of manufacturing an inventive tool (f) a valuable document with a security element (g) a valuable paper with a security element; and (h) packaging with a security element.

IPC 8 full level

B42D 15/00 (2006.01)

CPC (source: EP)

B42D 25/29 (2014.10); **B42D 25/355** (2014.10)

Citation (search report)

- [AD] EP 0310707 A2 19890412 - MANTEGAZZA A ARTI GRAFICI [IT]
- [AD] EP 0516790 B1 19961009 - GAO GES AUTOMATION ORG [DE]
- [A] WO 03002355 A1 20030109 - GIESECKE & DEVRIENT GMBH [DE], et al

Cited by

EP1500521A3; EP1693802A1; US11370063B2; US8616584B2; WO2007009756A1

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)

EP 1488935 A2 20041222; EP 1488935 A3 20111228; EP 1488935 B1 20160608; AT 500908 A1 20060415

DOCDB simple family (application)

EP 04013942 A 20040615; AT 9352003 A 20030617