

Title (en)  
Manufacturing process for a security element

Title (de)  
Verfahren zur Herstellung eines Sicherheitselements

Title (fr)  
Procédé de fabrication d'un élément de sécurité

Publication  
**EP 1488935 A2 20041222 (DE)**

Application  
**EP 04013942 A 20040615**

Priority  
AT 9352003 A 20030617

Abstract (en)  
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.

Abstract (de)  
Die Erfindung betrifft ein Sicherheitselement bzw. Folienmaterialien für Datenträger, Wertdokumente, Verpackungen und dergleichen, das eine in situ hergestellte magnetische Codierung aufweist. Beschrieben wird auch ein Verfahren und eine Vorrichtung zur in situ-Herstellung der magnetischen Codierung.

IPC 1-7  
**B42D 15/00**

IPC 8 full level  
**B42D 25/29** (2014.01); **B42D 15/00** (2006.01); **B42D 25/355** (2014.01)

CPC (source: EP)  
**B42D 25/29** (2014.10); **B42D 25/355** (2014.10)

Citation (applicant)  
• EP 0516790 B1 19961009 - GAO GES AUTOMATION ORG [DE]  
• EP 0310707 B1 19920923

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**