

Title (en)
SECURITY DOCUMENT WITH EMBEDDED SECURITY ELEMENT WITH VISUALLY AND MECHANICALLY VERIFIABLE DISTINGUISHING SIGNS.

Title (de)
SICHERHEITSDOKUMENT MIT DARIN EINGEBETTEM SICHERHEITSELEMENT MIT VISUELL UND MASCHINELL PRÜFBAREN KENNZEICHEN.

Title (fr)
PIECE D'IDENTITE COMPORTANT UN ELEMENT DE SECURITE ENCASTRE ET DES ELEMENTS D'IDENTIFICATION A VERIFICATION MECANIQUE.

Publication
EP 0426801 A1 19910515 (DE)

Application
EP 90906985 A 19900511

Priority
• DE 3915638 A 19890512
• EP 9000765 W 19900511

Abstract (en)
[origin: WO9013877A1] A security document consists of at least two layers of electrically conductive material in which a security element in the form of a transparent thread is embedded. At least some areas of one layer are transparent or semireflecting. The semireflecting layer cooperates with the distinguishing signs on the thread so that the distinguishing signs are substantially concealed in incident light but visually recognizable when back-lit.

Abstract (fr)
L'élément de sécurité encastré dans ce document d'identité à deux couches au moins, dont l'une au moins est au moins partiellement transparente ou translucide, consiste en un fil transparent en un matériau électroconducteur. Cette couche partiellement translucide coopère avec les éléments d'identification que comporte le fil de telle manière que ces éléments sont en grande partie invisibles à la lumière incidente et visibles par transparence.

IPC 1-7
B42D 15/00; B42D 15/02; B44F 1/12; D21H 21/48; G07D 7/00; G07F 7/08

IPC 8 full level
B42D 15/00 (2006.01); **B42D 15/02** (2006.01); **B42D 25/29** (2014.01); **B42D 25/355** (2014.01); **B44F 1/12** (2006.01); **D21H 21/44** (2006.01); **D21H 21/48** (2006.01); **G06K 19/067** (2006.01); **G07D 7/00** (2006.01); **G07D 7/12** (2016.01); **G07D 7/20** (2016.01); **G07F 7/08** (2006.01)

CPC (source: EP KR US)
B42D 25/29 (2014.10 - EP US); **B42D 25/355** (2014.10 - EP US); **D21H 21/44** (2013.01 - EP US); **G07D 7/00** (2013.01 - KR);
G07D 7/12 (2013.01 - EP US); **G07F 7/086** (2013.01 - EP US); **Y10S 283/901** (2013.01 - EP US)

Citation (search report)
See references of WO 9013877A1

Cited by
AT412681B; AT500871A1; WO2006042568A1

Designated contracting state (EPC)
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FI 98767 C 19970811; KR 0146374 B1 19981201; KR 920701928 A 19920812; PL 164147 B1 19940630; PL 285148 A1 19910114;
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