

Title (en)  
OPTICALLY VARIABLE SECURITY DEVICE FOR A VALUABLE DOCUMENT

Title (de)  
OPTISCH VARIABLE SICHERHEITSVORRICHTUNG FÜR WERTDOKUMENTE

Title (fr)  
DISPOSITIF DE SECURITE OPTIQUEMENT VARIABLE POUR UN DOCUMENT-VALEUR

Publication  
**EP 2637875 B1 20190522 (FR)**

Application  
**EP 11779701 A 20111110**

Priority  
• FR 1059280 A 20101110  
• EP 2011069868 W 20111110

Abstract (en)  
[origin: WO2012062871A1] This security device comprises a security component (16) which comprises at least first (Z1) and second (Z2) zones that respectively produce first and second optical effects that each have at least two characteristic aspects in different observation configurations of the component (16). More precisely, the device comprises an image (18) which is at least partially in relief and is obtained by deformation of said component (16) and of said backing (10) to which said component (16) is affixed, this image (18) comprising at least a first and a second graphic element (20; 22) and extending at least partially in the two zones (Z1, Z2), and at least said first (20) and second (22) graphic elements of the image (18) are respectively revealed in the first (Z1) and second (Z2) zones by the appearance of at least one of the two aspects of the first and second optical effects, respectively.

IPC 8 full level  
**B42D 25/324** (2014.01); **B42D 25/328** (2014.01); **B42D 25/425** (2014.01)

CPC (source: BR EP US)  
**B42D 25/29** (2014.10 - US); **B42D 25/324** (2014.10 - EP US); **B42D 25/328** (2014.10 - EP US); **B42D 25/425** (2014.10 - BR EP US); **B42D 25/00** (2014.10 - BR); **B42D 25/29** (2014.10 - BR); **B42D 25/324** (2014.10 - BR); **B42D 25/328** (2014.10 - BR); **B42D 2035/24** (2022.01 - EP)

Citation (opposition)  
Opponent : Giesecke+Devrient Currency Technology GmbH  
• WO 0220280 A1 20020314 - GIESECKE & DEVRIENT GMBH [DE], et al  
• WO 2004113953 A2 20041229 - OVD KINEGRAM AG [CH], et al  
• WO 2007093300 A2 20070823 - GIESECKE & DEVRIENT GMBH [DE], et al  
• US 4715623 A 19871229 - ROULE RICHARD L [US], et al  
• JP 2007168341 A 20070705 - NAT PRINTING BUREAU  
• WO 9717211 A1 19970515 - GIESECKE & DEVRIENT GMBH [DE], et al  
• WO 2006018232 A1 20060223 - GIESECKE & DEVRIENT GMBH [DE], et al  
• US 6088161 A 20000711 - LEE ROBERT ARTHUR [AU]  
• DE 60004085 T2 20040422 - HOLOGRAM IND SARL [FR]  
• EP 2180358 A1 20100428 - GIESECKE & DEVRIENT GMBH [DE]  
• WO 2008049533 A2 20080502 - GIESECKE & DEVRIENT GMBH [DE], et al  
• WO 2004022355 A2 20040318 - GIESECKE & DEVRIENT GMBH [DE], et al

Designated contracting state (EPC)  
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**FR 2967089 A1 20120511**; **FR 2967089 B1 20210521**; AU 2011328044 A1 20130530; AU 2011328044 B2 20151224; BR 112013011614 A2 20160809; BR 112013011614 B1 20200505; CA 2816384 A1 20120518; CA 2816384 C 20191029; CN 102463768 A 20120523; CN 102463768 B 20160504; EP 2637875 A1 20130918; EP 2637875 B1 20190522; ES 2742778 T3 20200217; RU 2013126541 A 20141220; RU 2586812 C2 20160610; WO 2012062871 A1 20120518

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