

Title (en)  
SECURITY DOCUMENT WITH AN OPTICAL SECURITY AREA

Title (de)  
WERTDOKUMENT MIT EINEM OPTISCHEN SICHERHEITSBEREICH

Title (fr)  
DOCUMENT DE VALEUR A ZONE DE SECURITE OPTIQUE

Publication  
**EP 1509402 B1 20111102 (DE)**

Application  
**EP 03726985 A 20030512**

Priority  
• AT 0300135 W 20030512  
• AT 7362002 A 20020514

Abstract (en)  
[origin: WO03095221A2] A security document such as a banknote, comprising an optical security area (3) which consists of a first periodic optical structure, e.g. parallel grid-type lines, a parallel line grid or point grid (1), and which contains a security sign (5) whose contours encompass a second, periodic optical structure, e.g. parallel grid-type lines, a parallel line grid or point grid (2) which is arranged in an offset manner in relation to the first. The recognizability of the security sign (5) is increased by observation with the aid of a see-through element (4), said element (4) being applied to an area of the security area (4) in such a way that the area of the security sign contained in the area covered by the see-through element (4) can be recognized by the naked eye.

IPC 8 full level  
**B42D 15/00** (2006.01)

CPC (source: EP US)  
**B42D 25/29** (2014.10 - EP US); **B42D 25/318** (2014.10 - US); **B42D 2035/16** (2022.01 - EP)

Citation (examination)  
• DE 19729918 A1 19990107 - BUNDESDRUCKEREI GMBH [DE]  
• EP 0384897 A1 19900829 - DE LA RUE GIORI SA [CH]

Cited by  
EP2367695B1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03095221 A2 20031120; WO 03095221 A3 20040318**; AT 412392 B 20050225; AT A7362002 A 20040715; AT E531528 T1 20111115; AU 2003232902 A1 20031111; EP 1509402 A2 20050302; EP 1509402 B1 20111102; ES 2376852 T3 20120320; US 2005094229 A1 20050505; US 6995883 B2 20060207

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