

Title (en)  
DATA SUPPORT WITH AN OPTICALLY VARIABLE STRUCTURE

Title (de)  
DATENTRÄGER MIT EINER OPTISCH VARIABLEN STRUKTUR

Title (fr)  
SUPPORT DE DONNEES AYANT UNE STRUCTURE OPTIQUEMENT VARIABLE

Publication  
**EP 1779335 A1 20070502 (DE)**

Application  
**EP 05791307 A 20050811**

Priority  
• EP 2005008758 W 20050811  
• DE 102004039595 A 20040813  
• DE 102005011612 A 20050314

Abstract (en)  
[origin: US2007246932A1] The invention relates to a security element with an optically variable structure, which has an embossed structure and a coating, wherein the embossed structure and the coating are combined such that at least parts of the coating are completely visible upon perpendicular viewing, but are concealed upon oblique viewing. This embossed structure has nonlinear embossed elements, which are combined with the coating such that when changing the viewing direction different pieces of information become visible.

IPC 8 full level  
**G07D 7/12** (2006.01)

CPC (source: EP US)  
**B42D 25/324** (2014.10 - EP US); **B42D 25/373** (2014.10 - EP US); **B42D 25/378** (2014.10 - EP US); **B42D 25/41** (2014.10 - EP US); **B42D 25/425** (2014.10 - US); **G07D 7/003** (2017.04 - EP US); **B42D 2033/24** (2022.01 - EP)

Citation (search report)  
See references of WO 2006018232A1

Cited by  
US11511559B2; WO2013121401A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2007246932 A1 20071025; US 8100436 B2 20120124**; AT E486335 T1 20101115; CA 2577246 A1 20060223; CA 2577246 C 20130312; CN 1989529 A 20070627; CN 1989529 B 20121107; DE 102005011612 A1 20060223; DE 502005010446 D1 20101209; EP 1779335 A1 20070502; EP 1779335 B1 20101027; EP 2284805 A2 20110216; EP 2284805 A3 20111207; EP 2284805 B1 20220525; ES 2355267 T3 20110324; HK 1105559 A1 20080215; MY 165395 A 20180321; PL 1779335 T3 20110729; PL 2284805 T3 20220801; RU 2006145356 A 20081027; RU 2395842 C2 20100727; WO 2006018232 A1 20060223

DOCDB simple family (application)  
**US 66014405 A 20050811**; AT 05791307 T 20050811; CA 2577246 A 20050811; CN 200580025238 A 20050811; DE 102005011612 A 20050314; DE 502005010446 T 20050811; EP 05791307 A 20050811; EP 10172219 A 20050811; EP 2005008758 W 20050811; ES 05791307 T 20050811; HK 07113915 A 20071220; MY PI20053764 A 20050811; PL 05791307 T 20050811; PL 10172219 T 20050811; RU 2006145356 A 20050811