

Title (en)

SECURITY ELEMENT AND METHOD FOR PRODUCING THE SAME

Title (de)

SICHERHEITSELEMENT MIT ZWEI UNTERSCHIEDLICHEN, LESBAREN INFORMATIONEN

Title (fr)

ELEMENT DE SECURITE ET PROCEDE DE FABRICATION DE CELUI-CI

Publication

EP 1575785 B1 20100901 (DE)

Application

EP 03767653 A 20031125

Priority

- DE 10255639 A 20021128
- EP 0313247 W 20031125

Abstract (en)

[origin: US7758078B2] The invention relates to a security element (12, 18) with a carrier film (20) and a cover layer (22; 42; 50) applied to the carrier film (20). The cover layer has gaps (24; 30, 32, 34; 44) in the form of characters or patterns forming visually and/or machine readable first information. Additionally, a printed image (26; 36, 38, 40; 46, 48; 52) forming visually and/or machine readable second information is disposed in the gaps (24; 30, 32, 34; 44) in register, the first and second information being different.

IPC 8 full level

B42D 15/00 (2006.01); **B44F 1/08** (2006.01); **B44F 1/12** (2006.01); **B44F 3/00** (2006.01)

CPC (source: EP US)

B42D 25/355 (2014.10 - EP US); **Y10T 428/22** (2015.01 - EP US)

Citation (examination)

WO 03106185 A2 20031224 - GIESECKE & DEVRIENT GMBH [DE], et al

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 PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004049353 A2 20040610; WO 2004049353 A3 20041125; AT E479555 T1 20100915; AU 2003292113 A1 20040618; AU 2003292113 A8 20040618; DE 10255639 A1 20040617; DE 50313051 D1 20101014; EP 1575785 A2 20050921; EP 1575785 B1 20100901; PL 211171 B1 20120430; PL 375633 A1 20051212; RU 2005120156 A 20060320; RU 2346825 C2 20090220; UA 88132 C2 20090925; US 2006097511 A1 20060511; US 7758078 B2 20100720

DOCDB simple family (application)

EP 0313247 W 20031125; AT 03767653 T 20031125; AU 2003292113 A 20031125; DE 10255639 A 20021128; DE 50313051 T 20031125; EP 03767653 A 20031125; PL 37563303 A 20031125; RU 2005120156 A 20031125; UA 2005006222 A 20031125; US 53125805 A 20050922