

Title (en)

SECURITY MARK COMPRISING A LIGHT-EMITTING DIODE

Title (de)

SICHERHEITSMERKMAL MIT EINER LICHT EMITTIERENDEN DIODE

Title (fr)

MARQUE DE SECURITE COMPORTANT UNE DIODE ELECTROLUMINESCENTE

Publication

EP 1609121 A1 20051228 (DE)

Application

EP 04712538 A 20040219

Priority

- EP 2004001623 W 20040219
- DE 10314162 A 20030328

Abstract (en)

[origin: WO2004086315A1] A product comprises a security-mark element containing a light-emitting diode.

IPC 1-7

G07D 7/00

IPC 8 full level

B42D 15/00 (2006.01); **G07D 7/00** (2006.01); **G07D 7/12** (2006.01); **H01L 51/42** (2006.01)

CPC (source: EP)

B42D 25/29 (2014.10); **G07D 7/01** (2017.05); **G07D 7/12** (2013.01); **H10K 30/50** (2023.02)

Citation (examination)

- WO 03057500 A1 20030717 - BUNDESDRUCKEREI GMBH [DE], et al
- WO 03057502 A1 20030717 - BUNDESDRUCKEREI GMBH [DE], et al
- See also references of WO 2004086315A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2004086315 A1 20041007; **WO 2004086315 A8 20041223**; DE 10314162 A1 20041216; EP 1609121 A1 20051228

DOCDB simple family (application)

EP 2004001623 W 20040219; DE 10314162 A 20030328; EP 04712538 A 20040219