

Title (en)  
Security device

Title (de)  
Sicherheitseinrichtung

Title (fr)  
Dispositif de sécurité

Publication  
**EP 2239150 B1 20131023 (DE)**

Application  
**EP 09157495 A 20090407**

Priority  
EP 09157495 A 20090407

Abstract (en)  
[origin: EP2239150A1] The device has three-dimensional diffractive surface elements (18) arranged on an upper surface (14) of a flat light reflection element (10) for deflecting light reflected on the light reflection element in a direction of an observer and/or an examination device. The diffractive surface elements comprise a diffraction grating on a light outlet surface. The diffraction gratings of the diffractive surface elements are designed and/or arranged such that an asterism is produced for the observer and/or examination device.

IPC 8 full level  
**B42D 15/00** (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP US)  
**B42D 25/00** (2014.10 - EP US); **B42D 25/29** (2014.10 - EP US); **B42D 25/328** (2014.10 - US)

Cited by  
CN105339179A; US9731538B2; US10207531B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2239150 A1 20101013; EP 2239150 B1 20131023**; US 2012147470 A1 20120614; WO 2010115936 A1 20101014

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**EP 09157495 A 20090407**; EP 2010054609 W 20100407; US 201013263200 A 20100407