

Title (en)

DEVICE FOR VERIFYING SECURITY FEATURES

Title (de)

VORRICHTUNG ZUR VERIFIKATION VON SICHERHEITSMERKMALEN

Title (fr)

DISPOSITIF DE VERIFICATION DE CARACTERISTIQUES DE SECURITE

Publication

EP 1490841 A2 20041229 (DE)

Application

EP 03745732 A 20030325

Priority

- CH 0300192 W 20030325
- CH 5722002 A 20020404

Abstract (en)

[origin: WO03085608A2] The invention relates to a device (20) for making security elements visible, which are provided in an object (8) and have at least one photoluminescent segment that is characterized by having a linearly polarized absorption. The aim of the invention is to obtain a device of this type that has a particularly simple and compact design. To this end, at least one UV light source, which is provided in the form of a UV diode (18), and at least one polarization filter (4) are arranged so that the light of the light source (18) is linearly polarized (12) by the polarization filter (4) and, in a dark space (17), strikes the object (8) with respect to the photoluminescent segments provided therein, and photoluminescent light (16) in the visible range emitted by the segment can be observed through an observation opening (10).

IPC 1-7

G07D 7/00

IPC 8 full level

G06K 7/12 (2006.01); **G06K 19/06** (2006.01); **G07D 7/00** (2006.01); **G07D 7/12** (2006.01)

CPC (source: EP US)

G06K 7/12 (2013.01 - EP US); **G06K 19/06046** (2013.01 - EP US); **G07D 7/128** (2013.01 - EP US)

Citation (search report)

See references of WO 03085608A2

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 03085608 A2 20031016; **WO 03085608 A3 20040226**; AU 2003209916 A1 20031020; CA 2482197 A1 20031016; EP 1490841 A2 20041229; US 2005211914 A1 20050929

DOCDB simple family (application)

CH 0300192 W 20030325; AU 2003209916 A 20030325; CA 2482197 A 20030325; EP 03745732 A 20030325; US 51004104 A 20041001