

Title (en)

APPARATUS AND METHODS FOR AUTHENTICATING A SECURITY FEATURE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEREITSTELLUNG EINES SICHERHEITSMERKMALS

Title (fr)

APPAREIL ET PROCÉDÉS D'AUTHENTIFICATION D'UN ÉLÉMENT DE SÉCURITÉ

Publication

**EP 3401885 A1 20181114 (EN)**

Application

**EP 17169978 A 20170508**

Priority

EP 17169978 A 20170508

Abstract (en)

The invention relates to an apparatus for authenticating luminescent security features, in particular luminescent security features designed for counterfeit protection of valuable items and documents such as banknotes. More specifically, the present invention relates to an apparatus for inspecting the colors of light emitted by the security feature at certain predefined ranges of emission angles. The apparatus can comprise an excitation device to excite the luminescent security feature, an inspection device to inspect the security features, and a positioning means to put the inspection device and the security feature into a defined spatial relation. The present invention also relates to a method for authenticating the aforementioned security features.

IPC 8 full level

**G07D 7/128** (2016.01); **G07D 7/00** (2016.01); **G07D 7/1205** (2016.01)

CPC (source: EP)

**G07D 7/003** (2017.04); **G07D 7/1205** (2017.04); **G07D 7/128** (2013.01)

Citation (applicant)

- WO 2007140484 A2 20071206 - CABOT CORP [US], et al
- WO 2010096914 A1 20100902 - BANK OF CANADA [CA], et al

Citation (search report)

- [IA] US 2010290098 A1 20101118 - SHIRAKURA AKIRA [JP], et al
- [A] EP 1473657 A1 20041103 - SICPA HOLDING SA [CH]
- [A] WO 0154077 A1 20010726 - FLEX PRODUCTS INC [US]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3401885 A1 20181114**

DOCDB simple family (application)

**EP 17169978 A 20170508**