

Title (en)

Device and method for detecting security devices contained in the fibre structure of flat paper objects

Title (de)

Vorrichtung und Verfahren zum Nachweis von in der Faserstruktur enthaltenen Sicherheitsmerkmalen bei flachen Gegenständen aus Papier

Title (fr)

Dispositif et procédé de vérification de éléments de sécurité contenues dans la structure fibreuse d'objets plats en papier

Publication

EP 2323108 B1 20151125 (DE)

Application

EP 10013350 A 20101006

Priority

DE 102009053440 A 20091117

Abstract (en)

[origin: EP2323108A1] The device comprises an illumination device (1) which illuminates the flat objects (4) with the light, where a transport device transports the flat objects relative to the illumination device along a transport plane (6) in a transport direction (5). A sensor (3) is provided for the light of the illumination device. A reflector (2) is arranged in a beam path of the light between the illumination device and the sensor. The reflector reflects the light in the direction of the sensor. An independent claim is also included for a method for analyzing safety characteristics of a fiber structure on flat objects.

IPC 8 full level

G07D 7/12 (2006.01)

CPC (source: EP US)

G07D 7/121 (2013.01 - EP 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

DOCDB simple family (publication)

EP 2323108 A1 20110518; EP 2323108 B1 20151125; DE 102009053440 A1 20110519

DOCDB simple family (application)

EP 10013350 A 20101006; DE 102009053440 A 20091117