

Title (en)

Bill acceptor with bill passage anti-light pollution arrangement

Title (de)

Banknotenannehmer mit Lichtverschmutzungsschutzanordnung für Banknotendurchlauf

Title (fr)

Accepteur de billets avec agencement contre la pollution de lumière au niveau du passage de billets

Publication

**EP 2759987 B1 20160824 (EN)**

Application

**EP 13152350 A 20130123**

Priority

EP 13152350 A 20130123

Abstract (en)

[origin: EP2759987A1] A bill acceptor capable of reducing light pollution, avoiding errors and faults and enhancing detection accuracy and reliability is disclosed to include a housing defining a bill slot in a face panel thereof, a bill-receiving unit accommodated in the housing and including a holder base defining therein a bill passage in communication with the bill slot, a control module, a transmission mechanism and a recognition circuit assembly, the recognition circuit assembly including a sampling and validating module consisting of a plurality of light emitters and light sensors and controllable by the control module to validate the authenticity and face value of an inserted bill, and privacy filters mounted in a light path in the bill-receiving unit between the bill passage and the light sensors to filtrate external light sources and to let the light emitted by the light emitters pass toward the light sensors.

IPC 8 full level

**G07D 11/00** (2006.01)

CPC (source: EP)

**G07D 11/14** (2018.12); **G07D 11/22** (2018.12)

Citation (examination)

US 2011216421 A1 20110908 - SHIRASAKI MASATAKA [US]

Cited by

CN106251506A; WO2020087207A1

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 2759987 A1 20140730; EP 2759987 B1 20160824**; ES 2603635 T3 20170228; HU E030979 T2 20170628; ME 02611 B 20170620; PL 2759987 T3 20170228; PT 2759987 T 20161122

DOCDB simple family (application)

**EP 13152350 A 20130123**; ES 13152350 T 20130123; HU E13152350 A 20130123; ME P2016270 A 20130123; PL 13152350 T 20130123; PT 13152350 T 20130123