

Title (en)

CONTACTLESS SECURITY DEVICE, PARTICULARLY FOR MOTORIZED VERTICAL SLIDING CLOSING SYSTEMS

Title (de)

KONTAKTLOSE SICHERHEITSEINRICHTUNG, INSBESONDERE FÜR MOTORISIERTE VERTIKAL VERSCHIEBBARE VERSCHLUSSSYSTEME

Title (fr)

DISPOSITIF DE SÉCURITÉ SANS CONTACT, NOTAMMENT POUR SYSTÈMES MOTORISÉES DE FERMETURE À COULISSEMENT VERTICAL

Publication

EP 3696360 B1 20211229 (EN)

Application

EP 20156851 A 20200212

Priority

IT 201900001999 A 20190212

Abstract (en)

[origin: EP3696360A1] The contactless security device (1), particularly for motorized vertical sliding closing systems, comprises:- two opposite security units (5) each comprising:- one supporting element (6) fixed to the internal face of the motorized door (2) and provided with at least one guiding slot (7); and- one slider (8) provided with one sliding pin (9), movable along the guiding slot (7);- optical barrier means (10), which are adapted to define one optical barrier (11) and comprising one emitter (12) and one receiver (13) associated with the sliders (8);wherein the receiver (13) and the emitter (12) are associated with the sliders (8) by interposition of corresponding supporting units (18) and wherein the device (1) comprises two security elements (19) which are respectively associated with the supporting units (18) and being adapted to rotate the supporting units (18) to interrupt the optical barrier (11).

IPC 8 full level

E05F 15/43 (2015.01)

CPC (source: EP)

E05F 15/43 (2015.01); **E05F 2015/436** (2015.01); **E05Y 2600/13** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/106** (2013.01)

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 3696360 A1 20200819; EP 3696360 B1 20211229; IT 201900001999 A1 20200812

DOCDB simple family (application)

EP 20156851 A 20200212; IT 201900001999 A 20190212