

Title (en)

Safety device for a gate or for a sliding door actuated by a motor

Title (de)

Sicherheitssystem für ein motorbetriebenes Tor oder Schiebetür

Title (fr)

Dispositif de sécurité pour un portail ou pour une porte coulissante entraînée par un moteur

Publication

**EP 2146034 A1 20100120 (EN)**

Application

**EP 09164704 A 20090707**

Priority

IT VI20080170 A 20080716

Abstract (en)

A safety device for a gate or sliding door, actuated by a motor (7) is made up of a reflection photoelectric device (17), controlled by a pilot circuit, of a pressure sensitive bar (14) applied to the sliding wing (2), said bar comprising a reflector mirror, equipped with a shutter and a mobile part. Said safety system is characterized in that a force exerted on the mobile part of said sensitive bar, causes the shutter to close by intercepting the radiation (22), emitted by the transmitter of the photoelectric device (17) and stopping the reflection on the surface of the mirror in the direction of the receiver of the photoelectric device (17), sending through the pilot circuit, a signal to the control unit (8) of the actuation motor (7).

IPC 8 full level

**E05F 15/00** (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP)

**E05F 15/42** (2015.01); **E05F 15/43** (2015.01); **E05F 15/48** (2015.01); **E05F 2015/437** (2015.01); **E05F 2015/483** (2015.01); **E05Y 2400/662** (2013.01); **E05Y 2600/40** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2900/40** (2013.01)

Citation (applicant)

- EP 1529913 A2 20050511 - FIN MEN S P A [IT]
- WO 2006051060 A1 20060518 - NICE SPA [IT], et al
- EP 1739265 A2 20070103 - PRASTEL SPA [IT]

Citation (search report)

- [XY] DE 3021363 A1 19811217 - KILLE NORBERT
- [DY] EP 1739265 A2 20070103 - PRASTEL SPA [IT]
- [A] US 2687455 A 19540824 - NORMAN HORACE M

Cited by

RU2477361C2; CN110480193A

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2146034 A1 20100120**; IT VI20080170 A1 20100117

DOCDB simple family (application)

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