Title (en)

ELECTROMECHANICAL SAFETY DEVICE, PARTICULARLY FOR AUTOMATIC CLOSING SYSTEMS

Title (de)

ELEKTROMECHANISCHE SICHERHEITSVORRICHTUNG, IM BESONDEREN FÜR AUTOMATISCHE VERSCHLUSSSYSTEME

Title (fr)

DISPOSITIF DE SÉCURITÉ ÉLECTROMÉCANIQUE DESTINÉ EN PARTICULIER À DES SYSTÈMES DE FERMETURE AUTOMATIQUE

Publication

EP 2399247 A1 20111228 (EN)

Application

EP 10711748 A 20100222

Priority

- IT 2010000069 W 20100222
- IT BS20090028 A 20090223

Abstract (en)

[origin: WO2010095160A1] The invention concerns an electromechanical safety device, or sensitive edge, in particular a sensitive edge for moving parts of any automatic closing system controlled by a general control centre (13), the safety device comprising a pressure sensitive mechanism (14) provided to emit a block and/or alarm signal in reply to a contact of a moving part with another adjacent part. The protection device incorporates a transmitter/receiver circuit (15) designed to receive and recognise the signals emitted by said sensitive mechanism and to communicate via radio with a management electronic card (12) associated with the general control centre, so as to enable or stop the movements of the moving parts in response to the signals arriving from the protection device.

IPC 8 full level

G08C 17/02 (2006.01)

CPC (source: EP)

G08C 17/02 (2013.01)

Citation (search report)

See references of WO 2010095160A1

Citation (third parties)

Third party :

- EP 1441101 A2 20040728 - HOERMANN KG ANTRIEBSTECHNIK [DE]
- US 2003150164 A1 20030814 - MEHALSHICK GEORGE M [US], et al
- US 6166660 A 20001226 - GRENIER FRANK [US]

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

DOCDB simple family (publication)

WO 2010095160 A1 20100826; CN 102326189 A 20120118; DE 202010018583 U1 20171121; EP 2399247 A1 20111228; IT 1396493 B1 20121214; IT BS20090028 A1 20100823

DOCDB simple family (application)

IT 2010000069 W 20100222; CN 201080008822 A 20100222; DE 202010018583 U 20100222; EP 10711748 A 20100222; IT BS20090028 A 20090223