

Title (en)

Accident-preventing safety device for automatic moving closure barriers

Title (de)

Unfallverhütungssicherheitsvorrichtung für automatisch bewegende Schliessstüre

Title (fr)

Dispositif de sécurité pour la prévention d'accidents pour portes à fermeture automatique

Publication

EP 0783068 A1 19970709 (EN)

Application

EP 96119259 A 19961202

Priority

IT VI960001 U 19960104

Abstract (en)

An accident-preventing safety device for automatic moving closure barriers, such as gates, main doors, overhead doors, and the like, including a first part (2) which is pivoted to a second part (4) which can be anchored to a closing edge (C) of a barrier (A) and elastic contrast means are interposed between the first and second parts (2, 4) to keep them usually mutually spaced. Electrical switching means (10) which are suitable to stop and/or reverse the motion of the barrier (A) in the presence of external forces (F) which act on the first part (2) and contrast the elastic means (5) are provided. The switching means can be constituted by at least one electrical microswitch (10), anchored to one (4) of the first and second parts and having a button (11) adapted to interact with a protrusion (12) formed in a facing position on the other part (2). <IMAGE>

IPC 1-7

E05F 15/00

IPC 8 full level

E05F 15/00 (2006.01)

CPC (source: EP)

E05F 15/48 (2015.01); **E05Y 2600/324** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/40** (2013.01)

Citation (search report)

- [X] WO 9532145 A1 19951130 - SELCOM SPA [IT], et al
- [A] FR 2484515 A1 19811218 - CREUSOT LOIRE [FR]

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US8033052B2; WO2007019836A1; JP2009504488A; JP4825998B2

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