

Title (en)

SAFETY DEVICE FOR DOOR, GATE OR WINDOW ELEMENTS AND ASSOCIATED METHOD

Title (de)

SICHERHEITSVORRICHTUNG FÜR TÜR-, TOR- ODER FENSTERELEMENTE SOWIE ZUGEHÖRIGES VERFAHREN

Title (fr)

DISPOSITIF DE SECURITE DESTINE A DES ELEMENTS DE PORTE, DE PORTAIL OU DE FENETRE AINSI QUE PROCEDE ASSOCIE

Publication

**EP 1856359 B1 20110504 (DE)**

Application

**EP 06723248 A 20060307**

Priority

- EP 2006002048 W 20060307
- DE 102005010745 A 20050309

Abstract (en)

[origin: DE102005010745B3] The device has a light transmitter (13) and a light receiver (14) that are arranged at a protection strip in such a manner that the transmitter radiates light outwards as a distal light line for a flank and a frame for reflection at articles. The transmitter radiates light along the flank as a proximal, absorptive and/or diffuse light line for the flank and the frame for compulsory interference of light line on non-reflecting articles. An independent claim is also included for a method for protecting jamming of articles or human body parts between a frame and a flank.

IPC 8 full level

**E05F 15/00** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)

**E05F 15/43** (2015.01); **E05F 15/74** (2015.01); **E05F 2015/434** (2015.01); **E05F 2015/435** (2015.01); **E05Y 2900/132** (2013.01)

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DOCDB simple family (publication)

**DE 102005010745 B3 20060427**; AT E508245 T1 20110515; DE 502006009437 D1 20110616; DK 1856359 T3 20110808; EP 1856359 A1 20071121; EP 1856359 B1 20110504; ES 2363986 T3 20110822; WO 2006094751 A1 20060914

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