

Title (en)

Device for controlling and/or securing motor-driven door panels, windows or the like

Title (de)

Vorrichtung zur Ansteuerung und/oder Absicherung eines motorisch angetriebenen Flügels einer Tür, eines Fensters oder dergleichen

Title (fr)

Dispositif pour la commande et/ou pour sécuriser les panneaux de portes motorisés, fenêtres ou analogues

Publication

**EP 0852313 B1 20030924 (DE)**

Application

**EP 97110212 A 19970623**

Priority

- DE 19641567 A 19961009
- DE 19653026 A 19961219

Abstract (en)

[origin: EP0852313A1] The operating device uses an image detector (6), with a CCD or video camera, for monitoring the movement range of the sliding door or window panel (1a,1b). The detector is coupled via an evaluation device (7a) to a control circuit (7b) for the operating drive motor (5). The image detector may be positioned vertically above the path of movement of the door or window panel. The evaluation device uses a microprocessor to detect an obstacle in the path of the movement to provide a signal for the drive motor for reversing or halting the displacement of the sliding door or window panel.

IPC 1-7

**F16P 3/14**; **E05F 15/20**

IPC 8 full level

**E05F 15/20** (2006.01)

CPC (source: EP)

**E05F 15/42** (2015.01); **E05F 15/73** (2015.01); **E05F 2015/767** (2015.01); **E05Y 2400/502** (2013.01); **E05Y 2400/508** (2013.01); **E05Y 2600/40** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Cited by

EP3718850A1; EP1666690A3; DE19943041A1; US11200428B2; EP1666690A2; US8099902B2; US7940300B2; WO2004111374A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0852313 A1 19980708**; **EP 0852313 B1 20030924**; AT E250741 T1 20031015

DOCDB simple family (application)

**EP 97110212 A 19970623**; AT 97110212 T 19970623