

Title (en)

DEVICE FOR DETECTING THE POSITION OF AN ACTUATING HANDLE AND/OR OF A CASEMENT, A DOOR LEAF OR THE LIKE

Title (de)

VORRICHTUNG ZUM ERFASSEN DER POSITION EINER BETÄTIGUNGSHANDHABE UND/ODER EINES FENSTERFLÜGELS, EINES TÜRLATTS O.DGL.

Title (fr)

DISPOSITIF POUR DETERMINER LA POSITION D'UNE POIGNEE D'ACTIONNEMENT ET/OU D'UN VANTAIL DE FENETRE OU DE PORTE OU SIMILAIRE

Publication

EP 1838941 B1 20131211 (DE)

Application

EP 06701508 A 20060117

Priority

- EP 2006000399 W 20060117
- DE 202005000784 U 20050117

Abstract (en)

[origin: WO2006074967A1] The invention relates to a device (10) for detecting the position of an actuating handle (20) and/or of a casement (F), a door leaf or the like, which comprises at least one radio-controlled switch (30, 130) which after actuation of a switch element (34, 134) generates and transmits an identifiable radio signal and generates the power required for doing so by itself. At least one actuating element (50, 150) couples an adjusting and/or rotational movement of the actuating handle (20) and/or a swiveling movement of the casement (F), the door leaf or the like with the switching element (34, 134) of the radio-controlled switch (30, 130) in such a manner that, once any functional position of the handle (20) and/or a position of the casement (F), the door leaf or the like is reached, the switching element (34, 134) can be actuated. The actuating element (50, 150) is a plate cam, a control drum (52) or the like that can be engaged with the actuating handle (20) in a rotationally fixed manner. Additionally or alternatively thereto, the actuating element (50, 150) may be a pin (151) that can be engaged with the casement (F), the door leaf or the like.

IPC 8 full level

E05B 45/00 (2006.01)

CPC (source: EP)

E05B 17/22 (2013.01); **E05B 45/06** (2013.01); **G08B 13/06** (2013.01); **E05B 2047/0062** (2013.01)

Cited by

DE102014205720A1; WO2015144362A1; EP4353928A3; DE202015106590U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 202005000784 U1 20060524; EP 1838941 A1 20071003; EP 1838941 B1 20131211; ES 2445365 T3 20140303; PL 1838941 T3 20140530; PT 1838941 E 20140214; WO 2006074967 A1 20060720

DOCDB simple family (application)

DE 202005000784 U 20050117; EP 06701508 A 20060117; EP 2006000399 W 20060117; ES 06701508 T 20060117; PL 06701508 T 20060117; PT 06701508 T 20060117