

Title (en)

Device for monitoring the lock status of an espagnolette fitting

Title (de)

Überwachungseinrichtung zur Überwachung einer Schließstellung eines Treibstangenbeschlages

Title (fr)

Dispositif pour la surveillance de l'état de fermeture d'une ferrure à crémonne

Publication

**EP 2312102 A3 20170118 (DE)**

Application

**EP 10187173 A 20101011**

Priority

DE 102009045740 A 20091015

Abstract (en)

[origin: EP2312102A2] The device (6) has a sensor element (9) for generating a radio signal and comprising a voltage generator. A switch pin (10) is movable by actuation of an espagnolette fitting. An actuating device (11) actuates the sensor element. The actuating device has a slider (15) that is extended into a movement region of the switch pin during actuation of the espagnolette fitting and connected with the sensor element by a lever (14). The lever is coupled with the slider by a control cam (19), where the control cam is arranged perpendicular to a movement direction of the slider.

IPC 8 full level

**E05C 9/18** (2006.01); **E05B 17/22** (2006.01); **E05B 45/12** (2006.01); **E05B 47/00** (2006.01); **E05C 9/06** (2006.01); **G08B 13/08** (2006.01); **G08B 25/10** (2006.01); **E05B 45/06** (2006.01)

CPC (source: EP)

**E05B 17/22** (2013.01); **E05B 45/12** (2013.01); **E05C 9/063** (2013.01); **E05C 9/18** (2013.01); **G08B 13/08** (2013.01); **G08B 25/10** (2013.01); **E05B 2047/0062** (2013.01); **E05B 2047/0069** (2013.01)

Citation (search report)

- [A] DE 29519486 U1 19960208 - PONIATOWSKI SIEGFRIED [DE]
- [AD] DE 8606091 U1 19860430
- [AD] DE 10150128 A1 20030430 - ENOCEAN GMBH [DE]
- [A] US 3827038 A 19740730 - WILLIS J
- [A] DE 20315850 U1 20031211 - WINKHAUS FA AUGUST [DE]

Cited by

EP3342964A3; EP2562334A3; GB2528468A; CN112268569A; EP2799647A1; FR3005326A1; EP3156567A1; EP4105417A1; FR3123932A1; EP2520747A3; EP3594433A1; FR3083811A1; WO2013057498A1; WO2016012520A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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