

Title (en)

ANTI-DERAILING SAFETY DEVICE IN THE UPPER TROLLEY HANGER OF AN INTERIOR SLIDING DOOR

Title (de)

ENTGLEISUNGSSCHUTZVORRICHTUNG IM OBEREN WAGENAUFHÄNGER EINER INNEREN SCHIEBETÜR

Title (fr)

DISPOSITIF DE SÉCURITÉ ANTI-DÉRAILLEMENT DANS LA SUSPENSION SUPÉRIEURE DU CHARIOT D'UNE PORTE COULISSANTE INTÉRIEURE

Publication

EP 3101210 A1 20161207 (EN)

Application

EP 16172857 A 20160603

Priority

ES 201530787 A 20150604

Abstract (en)

Anti-derailing safety device for interior sliding doors in which the upper trolley hanger (1) for an interior sliding door incorporates a supporting body (2) with an adjustment thread (3) in its lower middle part and a guided movable body (4) housed in the guide channels (8) of the supporting body (2), the guided movable body (4) being provided with pins (5) locking with automatic door closure (10) and attached to an adjustment screw (6) with a turning slot (7) capable of receiving the blade of a screwdriver, such that when rotated, the guided movable body (4) can move along the guide channels (8) of the supporting body (2), locating the locking pins (5) against the automatic door closure (10) and locating the top part of the guided movable body (4) below the lower surface (12) of the profile of the upper rails (11).

IPC 8 full level

E05D 15/06 (2006.01)

CPC (source: EP ES)

E05D 15/063 (2013.01 - EP ES); **E05D 15/08** (2013.01 - ES); **E05D 15/08** (2013.01 - EP); **E05F 1/16** (2013.01 - EP); **E05Y 2201/614** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP)

Citation (search report)

- [Y] DE 202009011042 U1 20101230 - WEBER & CO GMBH KG [DE]
- [Y] EP 2728095 A2 20140507 - FOSHAN IDEAL CO LTD [CN]
- [A] DE 102013109710 A1 20150305 - HETTICH HEINZE GMBH & CO KG [DE]

Cited by

JP2018172863A

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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