

Title (en)

CLOSURE DEVICE FOR A DOOR WHICH SLIDES AND PIVOTS

Title (de)

VERSCHLUSSVORRICHTUNG FÜR EINE TÜR MIT SCHIEBE- UND SCHWENKMECHANISMUS

Title (fr)

DISPOSITIF DE FERMETURE POUR PORTE À COULISSEMENT ET PIVOTEMENT

Publication

EP 3431676 B1 20200219 (EN)

Application

EP 17713335 A 20170310

Priority

- ES 201630330 U 20160314
- ES 2017070137 W 20170310

Abstract (en)

[origin: EP3431676A1] The invention relates to a closure device (100) characterized in that it comprises a lower rail (12), a lower pivot (1) fastened to the lower rail (12), a fixed door (58) and a sliding door (52). The lower pivot (1) comprises a selective retention element (104) and a guide element (103) that comprises a lower longitudinal passage slot (105) with a width and lower rotation space (106) with a circular shape through which the lower longitudinal passage slot (105) passes, the lower rotation space (106) having a diameter. The sliding door (52) comprises a lower fitting (2) with a lower protrusion (204). The selective retention element (104) comprises a surface (107) and an open cavity (108), accessible in a sliding direction (X), said cavity (108) comprising retention means (109) suitable for retaining the lower protrusion (204) when it is located in said cavity (108). The cavity (108) has a size equal to or smaller than the width of the longitudinal passage slot (105).

IPC 8 full level

H05B 6/06 (2006.01); **E04B 2/82** (2006.01); **E05D 15/06** (2006.01); **E05D 15/58** (2006.01); **E06B 3/50** (2006.01); **E06B 3/92** (2006.01)

CPC (source: EP)

E04B 2/827 (2013.01); **E05D 15/0682** (2013.01); **E05D 15/0691** (2013.01); **E05D 15/58** (2013.01); **E06B 3/5072** (2013.01); **E06B 3/509** (2013.01); **E06B 3/924** (2013.01); **H05B 6/065** (2013.01); **E05D 2015/586** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2900/15** (2013.01)

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

DOCDB simple family (publication)

EP 3431676 A1 20190123; **EP 3431676 B1 20200219**; BR 112018068692 A2 20190205; BR 112018068692 B1 20230117; CA 3017687 A1 20170921; CA 3017687 C 20230627; ES 1156759 U 20160519; ES 1156759 Y 20160809; ES 2784712 T3 20200930; HR P20200519 T1 20200626; WO 2017158218 A1 20170921

DOCDB simple family (application)

EP 17713335 A 20170310; BR 112018068692 A 20170310; CA 3017687 A 20170310; ES 17713335 T 20170310; ES 201630330 U 20160314; ES 2017070137 W 20170310; HR P20200519 T 20200330