

Title (en)

Device for coupling and decoupling an external door handle

Title (de)

Vorrichtung zur Kupplung und Entkupplung eines Türaußendrückers

Title (fr)

Dispositif de couplage et de découplage d'une poignée extérieure de porte

Publication

EP 2397627 B1 20170809 (DE)

Application

EP 11169209 A 20110609

Priority

DE 102010017388 A 20100616

Abstract (en)

[origin: EP2397627A2] The device has a spring elastic actuating member (11) pivoted with housing-mounted electric motor drive (10). The actuating member engages coupling members (1, 2) with actuating sections (12, 12', 13, 13') to a driving section (7) of a coupling pawl (5) to pivot the coupling pawl in a coupling or release position, where the coupling members are supported in a neutral rotational position of the coupling pawl. The driving section eccentrically drives the actuating member to the coupling pawl during release of rotation of the coupled coupling members from two of the actuating sections.

IPC 8 full level

E05B 47/06 (2006.01); **E05B 63/16** (2006.01)

CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 47/0676** (2013.01); **E05B 3/065** (2013.01); **E05B 2047/0024** (2013.01); **E05B 2047/0031** (2013.01)

Cited by

EP3827151A4; EP2562331A3; WO2015097718A1; WO2020023652A1; US11739562B2

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 2397627 A2 201111221; **EP 2397627 A3 20150930**; **EP 2397627 B1 20170809**; DE 102010017388 A1 20120112; DK 2397627 T3 20171106; HR P20171671 T1 20171229; HU E034766 T2 20180228; NO 2397627 T3 20180106; SI 2397627 T1 20171130

DOCDB simple family (application)

EP 11169209 A 20110609; DE 102010017388 A 20100616; DK 11169209 T 20110609; HR P20171671 T 20171031; HU E11169209 A 20110609; NO 11169209 A 20110609; SI 201131312 T 20110609