

Title (en)

Power transmission device for a door assembly

Title (de)

Kraftübertragungsvorrichtung für eine Türanlage

Title (fr)

Dispositif de transmission de force pour une installation de porte

Publication

EP 2270302 A3 20131211 (DE)

Application

EP 10167441 A 20100628

Priority

DE 102009027324 A 20090630

Abstract (en)

[origin: EP2270302A2] The device (1) has an actuator (3) for coupling a door leaf (2) arranged on a force transmission element (7) i.e. toothed belt. The actuator has a recess in which the transmission element is inserted. The transmission element is fixed at the actuator by a locking pin. The locking pin partially clamps down the actuator and cooperates with the transmission element in a form-fit manner. The locking pin is brought into a tooth gap. The recess for accommodating the transmission element is arranged in a base body (4) of the actuator.

IPC 8 full level

E05F 15/14 (2006.01)

CPC (source: EP)

E05F 15/643 (2015.01); **E05Y 2201/652** (2013.01); **E05Y 2600/33** (2013.01)

Citation (search report)

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- [X] US 2005100398 A1 20050512 - RICE JOHN R [US], et al
- [A] US 2008060171 A1 20080313 - LINDEMANN ROBERT E [US]
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JP2015229897A; US2020115947A1; US10920477B2; CN105637628A; CN110581060A; EP4199049A1; WO2015031380A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2270302 A2 20110105; EP 2270302 A3 20131211; EP 2270302 B1 20180228; DE 102009027324 A1 20110105;
DE 102009027324 B4 20161201

DOCDB simple family (application)

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