

Title (en)

TORQUE TRANSMISSION DEVICE, DOOR DRIVE AND DOOR FITTED WITH SAID DEVICE

Title (de)

DREHMOMENTÜBERTRAGUNGSVORRICHTUNG, TORANTRIEBSVORRICHTUNG UND DAMIT VERSEHENES TOR

Title (fr)

DISPOSITIF DE TRANSMISSION DE COUPLE, DISPOSITIF D'ENTRAÎNEMENT D'UNE PORTE ET PORTE POURVU D'UN TEL DISPOSITIF

Publication

EP 3601709 B1 20230913 (DE)

Application

EP 18712818 A 20180312

Priority

- DE 102017106444 A 20170324
- EP 2018056123 W 20180312

Abstract (en)

[origin: WO2018172126A1] The invention relates to a torque transmission device (26) for a gate drive device (20), wherein the torque transmission device (26) comprises a torque transmission unit (27) which is designed to transmit torque and comprises a drive member (28) connectable to a drive unit (22), an output member (30) connectable to a component (12) of the gate (10), a traction means (32) operatively connecting the drive member (28) to the output member (30), and a traction means guide unit (40), which is designed in such a way that, as torque is transmitted, a slack side (70) of the traction means (32) can be moved by means of a tight side (72) of the traction means (32) in the direction of said tight side (72).

IPC 8 full level

E05F 15/668 (2015.01); **E05F 15/684** (2015.01)

CPC (source: EP)

E05F 15/668 (2015.01); **E05F 15/684** (2015.01); **E05Y 2201/646** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/66** (2013.01); **E05Y 2201/672** (2013.01); **E05Y 2800/205** (2013.01); **E05Y 2800/232** (2013.01)

Citation (examination)

- US 6117034 A 20000912 - VINE JEFFREY A [US]
- DE 102006059224 A1 20080619 - DORMA GMBH & CO KG [DE]
- CA 1201136 A 19860225 - DOORLEC CORP CORP DOORLEC

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)

WO 2018172126 A1 20180927; DE 102017106444 A1 20180927; EP 3601709 A1 20200205; EP 3601709 B1 20230913

DOCDB simple family (application)

EP 2018056123 W 20180312; DE 102017106444 A 20170324; EP 18712818 A 20180312