

Title (en)

TRANSMISSION DRIVE UNIT HAVING A SELF-LOCKING DEVICE

Title (de)

GETRIEBE-ANTRIEBSEINHEIT MIT EINER SELBSTHEMMVORRICHTUNG

Title (fr)

UNITÉ D'ENTRAÎNEMENT À ENGRENAGE COMPRENANT UN DISPOSITIF AUTOBLOQUANT

Publication

**EP 2297839 A2 20110323 (DE)**

Application

**EP 09772350 A 20090623**

Priority

- EP 2009057845 W 20090623
- DE 102008040189 A 20080704
- DE 102008043173 A 20081024

Abstract (en)

[origin: WO2010000650A2] Transmission drive unit (10), in particular for adjusting movable parts in the motor vehicle, having a drive motor (12) and a transmission (14) which is driven thereby, wherein the transmission (14) has an output element (70) and a self-locking device (60) with a locking element (63, 55), and the locking element locks the transmission (12) with respect to torques which are applied to the transmission (12) by the output element (70), wherein the transmission (12) with its transmission toothing (47) and a motor shaft bearing (32, 28) is designed to have optimized efficiency and minimal friction, and the drive motor (12) has, as an exciter magnet, a sleeve-shaped annular magnet (18) which is arranged in a pole pot (16) which forms a magnetic return.

IPC 8 full level

**H02K 7/102** (2006.01); **H02K 1/17** (2006.01); **H02K 7/116** (2006.01)

CPC (source: EP KR US)

**F16H 1/16** (2013.01 - EP US); **H02K 1/17** (2013.01 - EP KR US); **H02K 7/102** (2013.01 - EP KR US); **H02K 7/116** (2013.01 - KR); **H02K 7/1166** (2013.01 - EP US); **E05F 11/505** (2013.01 - EP US); **E05Y 2201/49** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)

See references of WO 2010000650A2

Citation (examination)

US 2006238051 A1 20061026 - SESITA NAOTO [JP], et al

Designated contracting state (EPC)

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**DE 102008043173 A 20081024**; CN 200980134776 A 20090623; EP 09772350 A 20090623; EP 2009057845 W 20090623; JP 2011515359 A 20090623; KR 20117000097 A 20090623; US 200913002534 A 20090623