

Title (en)

DRIVE UNIT, ESPECIALLY AN ACTUATOR UNIT IN A VEHICLE

Title (de)

ANTRIEBSEINRICHTUNG, INSBESONDERE STELLEINRICHTUNG IN EINEM FAHRZEUG

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT, EN PARTICULIER DISPOSITIF DE COMMANDE DANS UN VÉHICULE

Publication

**EP 2997646 A1 20160323 (DE)**

Application

**EP 14714688 A 20140331**

Priority

- DE 102013209202 A 20130517
- EP 2014056474 W 20140331

Abstract (en)

[origin: WO2014183919A1] A drive unit, especially an actuator unit in a vehicle, comprises an electric drive motor the motor shaft of which is rotatably mounted in bearings. A clamping ring is arranged in a housing and axially supports a bearing of the motor shaft.

IPC 8 full level

**H02K 5/173** (2006.01); **H02K 7/08** (2006.01)

CPC (source: EP US)

**B60S 1/08** (2013.01 - US); **H02K 5/161** (2013.01 - US); **H02K 5/1732** (2013.01 - EP US); **H02K 7/081** (2013.01 - EP US)

Citation (search report)

See references of WO 2014183919A1

Citation (examination)

- DE 19804328 A1 19990812 - BOSCH GMBH ROBERT [DE]
- CN 202713033 U 20130130 - BYD CO LTD

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102013209202 A1 20141120**; CN 105229901 A 20160106; EP 2997646 A1 20160323; US 10014742 B2 20180703; US 2016099626 A1 20160407; WO 2014183919 A1 20141120

DOCDB simple family (application)

**DE 102013209202 A 20130517**; CN 201480028415 A 20140331; EP 14714688 A 20140331; EP 2014056474 W 20140331; US 201414891718 A 20140331