

Title (en)

COMBINATION OF MOTOR CASING AND PLUG CONNECTION AND DEDICATED MOTOR CASING

Title (de)

KOMBINATION AUS MOTORGEHÄUSE UND STECKERANSCHLUSS SOWIE DAFÜR VORGESEHENES MOTORGEHÄUSE

Title (fr)

COMBINAISON D'UN CARTER MOTEUR ET D'UN CONNECTEUR ENFICHABLE, ET CARTER MOTEUR PRÉVU À CET EFFET

Publication

**EP 3479461 A1 20190508 (DE)**

Application

**EP 17736902 A 20170628**

Priority

- DE 102016112109 A 20160701
- EP 2017066048 W 20170628

Abstract (en)

[origin: WO2018002168A1] The invention relates to a combination of a motor casing and a plug connection, the motor casing being designed for a drive of movable components of a vehicle, in particular sunroofs, blinds or roofs of convertibles, a plug connection being inserted in the motor casing and a gap being provided between the motor casing and the plug connection. According to the invention, at least one projection is provided in the area of the gap and avoids play between the motor casing and the plug connection. The invention further relates to a motor casing.

IPC 8 full level

**H02K 5/22** (2006.01); **H02K 5/24** (2006.01)

CPC (source: EP KR US)

**B60J 1/2019** (2013.01 - KR); **B60J 7/057** (2013.01 - KR); **B60J 7/12** (2013.01 - KR); **B60R 16/02** (2013.01 - US); **H01R 13/533** (2013.01 - US); **H02K 5/225** (2013.01 - EP KR US); **H02K 5/24** (2013.01 - EP KR US); **H01R 2201/26** (2013.01 - US)

Citation (search report)

See references of WO 2018002168A1

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 102016112109 A1 20180104**; CN 109417330 A 20190301; CN 207265795 U 20180420; EP 3479461 A1 20190508; JP 2019521632 A 20190725; JP 2021182861 A 20211125; KR 102217924 B1 20210218; KR 20180137561 A 20181227; US 11451111 B2 20220920; US 2019260261 A1 20190822; WO 2018002168 A1 20180104

DOCDB simple family (application)

**DE 102016112109 A 20160701**; CN 201720779013 U 20170630; CN 201780041003 A 20170628; EP 17736902 A 20170628; EP 2017066048 W 20170628; JP 2018562215 A 20170628; JP 2021122882 A 20210728; KR 20187034378 A 20170628; US 201716312533 A 20170628