

Title (en)  
ELECTRIC CONNECTION DEVICE

Title (de)  
ELEKTRISCHE ANSCHLUSSVORRICHTUNG

Title (fr)  
DISPOSITIF DE RACCORDEMENT ÉLECTRIQUE

Publication  
**EP 3692607 A1 20200812 (DE)**

Application  
**EP 18779559 A 20180914**

Priority  
• DE 102017123207 A 20171006  
• DE 2018100786 W 20180914

Abstract (en)  
[origin: WO2019068279A1] The invention relates to an electric connection device for electric or hybrid motor vehicles in particular. The basic design of the connection device has a charging plug socket (3) and a charging plug (4), wherein the charging plug (4) is releasably anchored in the charging plug socket (3) by means of a movable locking element (6). Additionally, an electromotive drive (8 to 11) is provided for the locking element (6), and a sensor (16) is provided which detects actuating movements of the locking element (6). According to the invention, the sensor (16) monitors rotational movements of the drive (8 to 11).

IPC 8 full level  
**H01R 13/639** (2006.01); **B60L 53/30** (2019.01); **H01R 13/627** (2006.01)

CPC (source: EP)  
**B60L 53/16** (2019.01); **B60L 53/18** (2019.01); **B60L 53/30** (2019.01); **B60L 2270/32** (2013.01); **B60L 2270/34** (2013.01); **Y02T 10/70** (2013.01); **Y02T 10/7072** (2013.01); **Y02T 90/12** (2013.01); **Y02T 90/14** (2013.01)

Citation (search report)  
See references of WO 2019068279A1

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)  
**WO 2019068279 A1 20190411**; CN 111386636 A 20200707; DE 102017123207 A1 20190411; EP 3692607 A1 20200812

DOCDB simple family (application)  
**DE 2018100786 W 20180914**; CN 201880074513 A 20180914; DE 102017123207 A 20171006; EP 18779559 A 20180914