

Title (en)

CONNECTING UNIT AND METHOD FOR CONNECTION TO AN ELECTRIC VEHICLE, AND ELECTRIC VEHICLE

Title (de)

VERBINDUNGSEINHEIT UND VERFAHREN ZUR VERBINDUNG MIT EINEM ELEKTROFAHRZEUG SOWIE ELEKTROFAHRZEUG

Title (fr)

UNITÉ DE CONNEXION ET PROCÉDÉ DE CONNEXION À UN VÉHICULE ÉLECTRIQUE ET VÉHICULE ÉLECTRIQUE

Publication

**EP 3481663 A1 20190515 (DE)**

Application

**EP 17730728 A 20170607**

Priority

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- EP 2017063806 W 20170607

Abstract (en)

[origin: WO2018010896A1] The connecting unit according to the invention for connection to an electric vehicle has two or more contact rails. By way of example, one contact rail is provided for the connection DC+ and one contact rail is provided for the connection DC- in this case. These contact rails are dependent on one another to a certain degree on account of the positive and negative polarity. Therefore, the contact rails are not arranged in any desired manner, but rather at a specific distance from one another. Furthermore, the connecting unit has a further contact rail to which a signal can be applied. The contact rails can be connected to corresponding vehicle-side contact rails of the electric vehicle. Owing to the connecting unit according to the invention, the number of four contact points from the prior art is advantageously reduced to two contact points and the size of the respective tolerance windows is increased.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018010896A1

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