

Title (en)
APPARATUS AND METHOD FOR ELECTRICALLY CONNECTING A CHARGING STATION TO A CHARGING SOCKET OF A VEHICLE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ELEKTRISCHEN VERBINDEN EINER LADESTATION MIT EINER LADEBUCHSE EINES FAHRZEUGS

Title (fr)
DISPOSITIF ET PROCÉDÉ DE RACCORDEMENT ÉLECTRIQUE D'UNE STATION DE CHARGE À UN CONNECTEUR DE CHARGE FEMELLE D'UN VÉHICULE

Publication
EP 3237252 A1 20171101 (DE)

Application
EP 15780899 A 20151015

Priority
• DE 102014226755 A 20141222
• EP 2015073913 W 20151015

Abstract (en)
[origin: WO2016102099A1] The present invention provides an apparatus and a method for electrically connecting a charging station to the charging socket of a vehicle. To this end, a contact head which is connected to a voltage source is positioned in front of a charging socket of a vehicle and then inserted into the charging socket. In order to ensure the contact head is securely and reliably oriented during insertion into the charging socket, the contact head has adjustment means in this case, said adjustment means automatically orienting the contact head during insertion into the charging socket. In this way, the requirements for positioning the contact head before insertion can be reduced and the security of the vehicle which is to be charged making contact with the charging station can be increased.

IPC 8 full level
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Citation (search report)
See references of WO 2016102099A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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