

Title (en)

MOTOR VEHICLE WITH ELECTRIC PROPULSION AND TERMINAL FOR CHARGING THE BANK OF ACCUMULATORS OF SUCH A VEHICLE

Title (de)

KRAFTFAHRZEUG MIT ELEKTRISCHEM ANTRIEB UND ANSCHLUSS ZUM AUFLADEN DER BANK VON AKKUMULATOREN FÜR EIN SOLCHES FAHRZEUG

Title (fr)

VÉHICULE MOTORISÉ À PROPULSION ÉLECTRIQUE ET BORNE POUR CHARGER LE BANC D'ACCUMULATEURS D'UN TEL VÉHICULE

Publication

**EP 2419988 A2 20120222 (EN)**

Application

**EP 10713670 A 20100415**

Priority

- EP 2010054968 W 20100415
- FR 0901832 A 20090415

Abstract (en)

[origin: WO2010119097A2] The present invention relates to a motor vehicle (200) with electric propulsion comprising a battery (210), a power circuit (220), an electric motor (201) and a plug-in connector (207). It also relates to a charging point (100) for charging the bank of a such a vehicle, comprising a transformer (101), a rectifier (102) and a matching plug-in connector (103). According to the invention, the plug-in connector of the vehicle comprises a first connection terminal (208) connected to the negative terminal (211) of the battery and a second connection terminal (209) connected to the neutral cable (205) of the electric motor. The rectifier of the charging point comprises for its part means for maintaining a constant voltage between the two terminals of its plug-in connector.

IPC 8 full level

**H02J 7/02** (2006.01); **B60L 11/18** (2006.01)

CPC (source: EP)

**B60L 15/007** (2013.01); **B60L 50/51** (2019.01); **B60L 53/11** (2019.01); **B60L 53/20** (2019.01); **B60L 53/22** (2019.01); **B60L 53/24** (2019.01); **B60L 2220/54** (2013.01); **H02P 2209/01** (2013.01); **Y02T 10/64** (2013.01); **Y02T 10/70** (2013.01); **Y02T 10/7072** (2013.01); **Y02T 90/14** (2013.01)

Citation (search report)

See references of WO 2010119097A2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010119097 A2 20101021**; **WO 2010119097 A3 20101223**; EP 2419988 A2 20120222; FR 2944653 A1 20101022; FR 2944653 B1 20160311

DOCDB simple family (application)

**EP 2010054968 W 20100415**; EP 10713670 A 20100415; FR 0901832 A 20090415