

Title (en)
TRANSMISSION OF ELECTRICAL ENERGY BETWEEN A MOTOR VEHICLE WHICH IS ELECTRICALLY COUPLED TO A CHARGING STATION AND THE CHARGING STATION

Title (de)
ÜBERTRAGEN VON ELEKTRISCHER ENERGIE ZWISCHEN EINEM MIT EINER LADESTATION ELEKTRISCH GEKOPPELTEN KRAFTFAHRZEUG UND DER LADESTATION

Title (fr)
TRANSMISSION D'ÉNERGIE ÉLECTRIQUE ENTRE UN VÉHICULE AUTOMOBILE COUPLÉ ÉLECTRIQUEMENT À UNE STATION DE CHARGE ET LA STATION DE CHARGE

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Application
EP 19714118 A 20190311

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Abstract (en)
[origin: WO2019185339A1] The invention relates to a method for transmitting electrical energy between a charging station (10) and a motor vehicle (12) which is electrically coupled to the charging station (10), in which: the motor vehicle (12) is coupled to the charging station (10) by means of an electrical charging connection cable (18) comprising at least two electrical lines (24, 26); a communication connection is produced between the charging station (10) and the motor vehicle (12); and the transmission of the electrical energy through the charging station (10) is adjusted according to energy storage data transmitted from the motor vehicle (12) to the charging station (10). According to the invention, the communication connection is produced at least partially over the at least two electrical lines (24, 26) of the electrical charging connection cable (18) by means of at least one charging-station-side and at least one motor-vehicle-side communication adapter (28, 30).

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Citation (examination)
WI-SUN ALLIANCE: "HomePlug AV Specification Version 2.1", 21 February 2014 (2014-02-21), USA, pages 1 - 858, XP055876383, Retrieved from the Internet <URL:https://docbox.etsi.org/Reference/homeplug_av21/homeplug_av21_specification_final_public.pdf> [retrieved on 20220105]

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