

Title (en)

TRANSFERRING ELECTRICAL ENERGY BETWEEN AN ELECTRIC VEHICLE AND A POWER DISTRIBUTION GRID

Title (de)

ÜBERTRAGUNG ELEKTRISCHER ENERGIE ZWISCHEN EINEM ELEKTROFAHRZEUG UND EINEM ENERGIEVERTEILUNGSNETZ

Title (fr)

TRANSMISSION D'ÉNERGIE ÉLECTRIQUE ENTRE UN VÉHICULE ÉLECTRIQUE ET UN RÉSEAU DE DISTRIBUTION D'ÉNERGIE

Publication

**EP 2398668 A1 20111228 (DE)**

Application

**EP 09776396 A 20090218**

Priority

EP 2009001301 W 20090218

Abstract (en)

[origin: WO2010094302A1] In order to be able to perform the transfer of electrical energy between an electrical energy store (20) of an electric car (13) and a connection point (e.g. 12d) of an electrical power distribution grid using relatively less effort, particularly with regard to the technical construction of the connection point (e.g. 12d), a method is proposed for controlling the transfer of electrical energy between an electrical energy store (20) of a vehicle and a connection point (e.g. 12d) of an electrical power distribution grid, wherein an electrical connection is produced between the electrical energy store (20) and the connection point (e.g. 12d), a communication connection is produced between a communication device (23) associated with the vehicle and a communication service provider (15), the electrical energy is transferred between the electrical energy store (20) and the connection point (e.g. 12d) during the period of time that the communication connection exists at constant average electrical power, and the transfer of the electrical energy and the communication connection are terminated at the same time.

IPC 8 full level

**B60L 11/18** (2006.01)

CPC (source: EP US)

**B60L 53/305** (2019.01 - EP US); **B60L 53/62** (2019.01 - EP US); **B60L 53/65** (2019.01 - EP US); **B60L 53/66** (2019.01 - EP US); **B60L 53/665** (2019.01 - EP US); **G06Q 50/06** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/12** (2013.01 - EP US); **Y02T 90/14** (2013.01 - US); **Y02T 90/16** (2013.01 - EP US); **Y02T 90/167** (2013.01 - EP US); **Y04S 30/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2010094302A1

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 TR

DOCDB simple family (publication)

**WO 2010094302 A1 20100826**; CN 102325667 A 20120118; EP 2398668 A1 20111228; US 2011302108 A1 20111208

DOCDB simple family (application)

**EP 2009001301 W 20090218**; CN 200980156987 A 20090218; EP 09776396 A 20090218; US 200913202201 A 20090218