

Title (en)

DATA TRANSFER IN A VEHICLE AND CHARGING SAID VEHICLE

Title (de)

DATENÜBERTRAGUNG AN EIN FAHRZEUG UND LADEN DES FAHRZEUGES

Title (fr)

TRANSMISSION DE DONNÉES À UN VÉHICULE ET CHARGE DU VÉHICULE

Publication

EP 2350979 A1 20110803 (DE)

Application

EP 09784015 A 20091014

Priority

- EP 2009063433 W 20091014
- DE 102008051771 A 20081015
- DE 102008051770 A 20081015
- DE 102008043059 A 20081022

Abstract (en)

[origin: WO2010043659A1] The invention relates to a data transfer, power supply and charging device, comprising a data interface that transfers energy to an energy storage medium as well as vehicle- or driver-specific data through a charging cable or electrical line. The use of a charging cable for the transfer of data to and from the vehicle is suitable for electrical and hybrid vehicles in the automotive field. In this manner, internal vehicle systems can be updated and examined. Furthermore, the data transfer, power supply and charging device can comprise a communications unit that also enables data to be received and transmitted during driving without an electrical connection having to be made.

IPC 8 full level

G07C 5/00 (2006.01)

CPC (source: EP US)

G07C 5/008 (2013.01 - EP US); **H04B 3/542** (2013.01 - EP US); **H04L 12/10** (2013.01 - EP US); **H04B 2203/5441** (2013.01 - EP US);
H04B 2203/5458 (2013.01 - EP US)

Citation (search report)

See references of WO 2010043659A1

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)

DE 102009045711 A1 20100422; EP 2350979 A1 20110803; US 2011215758 A1 20110908; US 8729857 B2 20140520;
WO 2010043659 A1 20100422

DOCDB simple family (application)

DE 102009045711 A 20091014; EP 09784015 A 20091014; EP 2009063433 W 20091014; US 200913123915 A 20091014