

Title (en)
METHOD FOR ASSIGNING A DIGITAL DATA CONNECTION BETWEEN A MOTOR VEHICLE AND A CHARGING UNIT AND CHARGING UNIT

Title (de)
VERFAHREN ZUM ZUORDNEN EINER DIGITALEN DATENVERBINDUNG ZWISCHEN EINEM KRAFTFAHRZEUG UND EINER LADEEINHEIT SOWIE LADEEINHEIT

Title (fr)
PROCÉDÉ D'ATTRIBUTION D'UNE LIAISON NUMÉRIQUE DE DONNÉES ENTRE UN VÉHICULE AUTOMOBILE ET UNE UNITÉ DE CHARGE AINSI QU'UNITÉ DE CHARGE

Publication
EP 3665887 A1 20200617 (DE)

Application
EP 18779255 A 20180917

Priority
• DE 102017217180 A 20170927
• EP 2018075007 W 20180917

Abstract (en)
[origin: WO2019063328A1] The invention relates to a method for assigning a digital data connection between a first motor vehicle (2) and a charging unit (1), which has a plurality of charging connections (12, 13, 14, 15), to a first of the plurality of charging connections (12, 13, 14, 15), to which the first motor vehicle (2) is connected, wherein the charging unit (1) has only one common communications unit (10) for the plurality of charging connections (12, 13, 14, 15), and wherein a first state signal assigned to the first charging connection (12) is between the charging unit (1) and the first motor vehicle (2), comprising the steps: - checking whether the data connection to the first motor vehicle (2) can be assigned to the first charging connection (12) on the basis of the first state signal, and if not: - blocking any change at least of a further state signal for at least one further motor vehicle (3, 4), and - enabling a change in the first state signal for the first motor vehicle (2), and - assigning the digital data connection to the first charging connection (1) on which the state change of the first state signal is detected.

IPC 8 full level
H04L 29/06 (2006.01); **H04B 3/54** (2006.01)

CPC (source: EP)
B60L 53/14 (2019.01); **B60L 53/65** (2019.01); **H04B 3/544** (2013.01); **H04B 2203/547** (2013.01); **Y02T 10/70** (2013.01); **Y02T 10/7072** (2013.01); **Y02T 90/12** (2013.01); **Y02T 90/14** (2013.01); **Y02T 90/16** (2013.01); **Y02T 90/167** (2013.01); **Y04S 30/14** (2013.01)

Citation (search report)
See references of WO 2019063328A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102017217180 A1 20190328; EP 3665887 A1 20200617; WO 2019063328 A1 20190404

DOCDB simple family (application)
DE 102017217180 A 20170927; EP 18779255 A 20180917; EP 2018075007 W 20180917