

Title (en)

METHOD FOR OPERATING A CHARGING SYSTEM

Title (de)

VERFAHREN ZUM BETREIBEN EINES LADESYSTEMS

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME DE CHARGE

Publication

EP 3941779 A1 20220126 (DE)

Application

EP 20700775 A 20200109

Priority

- DE 102019103318 A 20190211
- EP 2020050390 W 20200109

Abstract (en)

[origin: WO2020164815A1] The application relates to a method for operating a charging system (100) having at least one charging station (102) for charging electric vehicles (106) and at least one back-end system (104), said method comprising the steps: receipt, by the charging station (102), of authentication data from a mobile user terminal (110) in order to approve a first charging operation; transmission, by the charging station (102), of an authentication data record to the back-end system (104) on the basis of the received authentication data; verification, by the back-end system (104), of the received authentication data record on the basis of stored user authentication data; transmission, by the back-end system (104), of an approval message to the charging station (102), in order to release the first charging operation if the verification result is positive; and transmission, by the back-end system (104), of protocol data relating to the first charging operation, to the mobile user terminal (110) upon detection of a communication link between the mobile user terminal (110) and the back-end system (104), established after the charging operation.

IPC 8 full level

B60L 53/00 (2019.01)

CPC (source: EP)

B60L 53/305 (2019.01); **B60L 53/665** (2019.01); **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 2020164815A1

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 102019103318 A1 20200813; EP 3941779 A1 20220126; WO 2020164815 A1 20200820

DOCDB simple family (application)

DE 102019103318 A 20190211; EP 2020050390 W 20200109; EP 20700775 A 20200109