

Title (en)
CHARGING SYSTEM FOR ELECTRIC VEHICLES

Title (de)
LADESYSTEM FÜR ELEKTROFAHRZEUGE

Title (fr)
SYSTÈME DE CHARGE DE VÉHICULES ÉLECTRIQUES

Publication
EP 3883811 A1 20210929 (DE)

Application
EP 19805270 A 20191115

Priority
• DE 102018129335 A 20181121
• EP 2019081491 W 20191115

Abstract (en)
[origin: WO2020104326A1] The application relates to a charging system (200) for electric vehicles (224, 226), comprising a plurality of charging stations (216, 218) each configured to exchange electrical power with at least one electric vehicle (224, 226), at least one charging profile determination module (234) configured: to receive a charging station identifier assigned to a first charging station (216, 218) of the plurality of charging stations (216, 218) and a user identifier of an electric vehicle (224, 226) to be charged at the first charging station (216, 218) during a charging operation, which user identifier is assigned to a user, to determine, on the basis of the received user identifier and the received charging station identifier, at least one historical charging operation data set relating to the user identifier and the charging station identifier, to estimate at least one charging parameter for the charging operation on the basis of the at least one historical charging operation data set, and to determine the charging curve profile for the charging operation at least on the basis of the at least one estimated charging parameter.

IPC 8 full level
B60L 53/62 (2019.01); **B60L 53/63** (2019.01); **B60L 53/65** (2019.01); **B60L 53/66** (2019.01); **B60L 53/67** (2019.01); **G06Q 10/06** (2012.01)

CPC (source: EP US)
B60L 3/12 (2013.01 - EP US); **B60L 53/62** (2019.01 - EP US); **B60L 53/63** (2019.01 - EP); **B60L 53/65** (2019.01 - EP US); **B60L 53/665** (2019.01 - EP); **B60L 53/67** (2019.01 - EP US); **B60L 2240/72** (2013.01 - EP); **B60L 2250/20** (2013.01 - US); **B60L 2260/44** (2013.01 - EP US); **B60L 2260/46** (2013.01 - EP); **B60L 2260/48** (2013.01 - EP); **B60L 2260/52** (2013.01 - EP); **B60L 2260/54** (2013.01 - EP); **B60L 2260/58** (2013.01 - EP US); **Y02E 60/00** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 10/72** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP US); **Y02T 90/16** (2013.01 - EP); **Y02T 90/167** (2013.01 - EP); **Y04S 10/126** (2013.01 - EP); **Y04S 30/14** (2013.01 - EP)

Citation (search report)
See references of WO 2020104326A1

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)
WO 2020104326 A1 20200528; DE 102018129335 A1 20200528; EP 3883811 A1 20210929; US 2021268929 A1 20210902

DOCDB simple family (application)
EP 2019081491 W 20191115; DE 102018129335 A 20181121; EP 19805270 A 20191115; US 202117324564 A 20210519