Title (en)

SYSTEM AND METHOD FOR PROVIDING INTERCONNECTED AND SECURE MOBILE DEVICE CHARGING STATIONS

Title (de)

SYSTEM UND VERFAHREN ZUR BEREITSTELLUNG VON MITEINANDER VERBUNDENEN UND SICHEREN LADESTATIONEN FÜR MOBILE VORRICHTUNGEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE FOURNITURE DE STATIONS DE CHARGE DE DISPOSITIFS MOBILES INTERCONNECTÉES ET SÉCURISÉES

Publication

EP 3804079 A1 20210414 (EN)

Application

EP 19814049 A 20190522

Priority

- US 201815996956 A 20180604
- US 2019033500 W 20190522

Abstract (en)

[origin: WO2019236293A1] Systems and methods for locating and providing public mobile device charging stations are disclosed. One or more charging stations may be configured to charge a battery of a mobile device. A database may be configured to store location information of the one or more charging stations as well as mobile device location and security credential information of the one or more respective mobile devices. A server communicatively coupled with the one or more charging stations and the database, may be configured to determine a proximity of the one or more charging stations to a location of the mobile device. This determination may be based on the station location information and the mobile device location information. Based on the determined proximity, provide the station location information of the respective one or more charging stations to the mobile device. The charging station further provides photo and/or video surveillance security to verify a user.

IPC 8 full level

H02J 7/00 (2006.01)

CPC (source: EP)

H02J 7/00034 (2020.01); **H02J 7/00045** (2020.01); **H02J 7/0013** (2013.01); **H02J 7/0042** (2013.01)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019236293 A1 20191212; AU 2019281775 A1 20210107; CA 3100025 A1 20191212; EP 3804079 A1 20210414; EP 3804079 A4 20220223; MX 2020013075 A 20210302

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