

Title (en)
SECURE ELECTRIC VEHICLE CHARGING

Title (de)
SICHERES LADEN EINES ELEKTRISCHEN FAHRZEUGS

Title (fr)
RECHARGE DE VÉHICULE ÉLECTRIQUE SÉCURISÉE

Publication
EP 4289156 A1 20231213 (EN)

Application
EP 22750623 A 20220203

Priority
• US 202163145850 P 20210204
• US 2022070502 W 20220203

Abstract (en)
[origin: WO2022170333A1] Systems and methods for secure electric vehicle (EV) charging are provided. One embodiment includes an EV charger, where the EV charger includes a power management unit, a processor, a low power short range point-to-point communication system, a memory containing machine readable instructions, where the processor is configured by the machine readable instructions to receive an authentication request from a mobile device via the low power short range point-to-point communication system, send encrypted EV charger access credentials to the mobile device, receive a digital token from the mobile device, verify the digital token, and initiate a charging session based upon a command contained within the digital token.

IPC 8 full level
H04W 4/80 (2018.01); **B60L 53/66** (2019.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2022170333A1

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KH MA MD TN

DOCDB simple family (publication)
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