

Title (en)

CHARGING DEVICE FOR CHARGING A BATTERY OF A MOTOR VEHICLE

Title (de)

LADEVORRICHTUNG ZUM LADEN EINER BATTERIE EINES KRAFTFAHRZEUGS

Title (fr)

DISPOSITIF DE CHARGE POUR CHARGER UNE BATTERIE D'UN VÉHICULE AUTOMOBILE

Publication

**EP 3980293 A1 20220413 (DE)**

Application

**EP 20731853 A 20200608**

Priority

- DE 102019115601 A 20190607
- EP 2020065859 W 20200608

Abstract (en)

[origin: WO2020245465A1] The present invention relates to a charging device (1) for charging a battery of a motor vehicle, comprising a ground unit (10) to be arranged on the ground of a motor vehicle parking space, the ground unit (10) having a contacting arm (2), at the free end (20) of which there is arranged a contacting device (6) for contacting a contacting unit in the motor vehicle which is complementary to the contacting device (6), the contacting arm (2) having a main link pivotable about a vertical pivot axis (30).

IPC 8 full level

**B60L 53/14** (2019.01); **B60L 53/35** (2019.01)

CPC (source: CN EP US)

**B60L 53/14** (2019.01 - CN EP); **B60L 53/18** (2019.01 - US); **B60L 53/35** (2019.01 - CN EP US); **H02J 7/0042** (2013.01 - US); **H02J 7/0045** (2013.01 - CN EP); **B60L 53/30** (2019.01 - CN EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP)

Citation (search report)

See references of WO 2020245465A1

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 2020245465 A1 20201210**; CN 113924226 A 20220111; DE 102019115601 A1 20201210; EP 3980293 A1 20220413; US 2022194242 A1 20220623

DOCDB simple family (application)

**EP 2020065859 W 20200608**; CN 202080041669 A 20200608; DE 102019115601 A 20190607; EP 20731853 A 20200608; US 202017615264 A 20200608