

Title (en)

DISCHARGING PLUG FOR A BATTERY OF AN ELECTRIC BICYCLE

Title (de)

ENTLADESTECKER FÜR EINEN AKKU EINES ELEKTROFAHRADES

Title (fr)

FICHE DE DÉCHARGE POUR UN ACCUMULATEUR D'UNE BICYCLETTE ÉLECTRIQUE

Publication

**EP 3954002 A1 20220216 (DE)**

Application

**EP 20721445 A 20200408**

Priority

- DE 102019109421 A 20190410
- EP 2020060024 W 20200408

Abstract (en)

[origin: WO2020208075A1] A plug-in connection (1), comprising an electrical connector (2) and a mating electrical connector (3), which can be plugged together with the electrical connector, the electrical connector (2) having a housing, which has a flange (5) and a frame (7), the frame comprising at least one contact chamber (8), in which a contact partner (9) is arranged, the mating electrical connector (3) having a housing and a frame (12), the frame comprising a contact chamber (13), in which at least one contact partner (14) is arranged, characterized in that each contact partner (14) of the mating electrical connector (3) is surrounded by a casing (15), which surrounds the contact partner (14) except from the insertion region for an associated contact partner (9) of the electrical connector (2).

IPC 8 full level

**H01R 13/52** (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP US)

**B62M 6/90** (2013.01 - US); **H01R 13/5202** (2013.01 - EP US); **H01R 13/743** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP); **H01R 13/748** (2013.01 - EP); **H01R 2201/26** (2013.01 - US)

Citation (search report)

See references of WO 2020208075A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020208075 A1 20201015**; CN 113841303 A 20211224; DE 102020109823 A1 20201015; EP 3954002 A1 20220216; JP 2022527598 A 20220602; JP 7311623 B2 20230719; US 2022200193 A1 20220623

DOCDB simple family (application)

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