

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

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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

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