

Title (en)  
CONNECTING ARRANGEMENT, CHARGING SOCKET AND SYSTEM OF A CONNECTING ARRANGEMENT AND A CHARGING SOCKET

Title (de)  
VERBINDUNGSANORDNUNG, LADEBUCHSE UND SYSTEM AUS VERBINDUNGSANORDNUNG UND LADEBUCHSE

Title (fr)  
AGENCEMENT DE CONNEXION, PRISE DE CHARGE ET SYSTÈME D'UN AGENCEMENT DE CONNEXION ET D'UNE PRISE DE CHARGE

Publication  
**EP 4399770 A1 20240717 (DE)**

Application  
**EP 22765525 A 20220816**

Priority  
• DE 102021123488 A 20210910  
• EP 2022072828 W 20220816

Abstract (en)  
[origin: WO2023036565A1] The invention relates to a connecting arrangement, a charging socket and to a system of a charging socket and a connecting arrangement, which are distinguished by in each case a high thermal conductivity and thermal capacity and allow a reliable assembly. In particular, this is made possible by the use of a busbar with a tapering connecting bolt with through hole.

IPC 8 full level  
**H01R 25/16** (2006.01); **B60L 53/16** (2019.01); **H01R 4/30** (2006.01); **H01R 4/50** (2006.01); **H01R 4/58** (2006.01); **H01R 11/26** (2006.01); **H01R 13/04** (2006.01); **H01R 13/207** (2006.01); **H01R 13/426** (2006.01)

CPC (source: EP)  
**B60L 53/16** (2019.02); **H01R 4/308** (2013.01); **H01R 4/5016** (2013.01); **H01R 4/58** (2013.01); **H01R 11/26** (2013.01); **H01R 13/04** (2013.01); **H01R 13/426** (2013.01); **H01R 25/162** (2013.01); **H01R 13/207** (2013.01); **H01R 2201/26** (2013.01)

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021123488 A1 20230316**; CN 117916962 A 20240419; EP 4399770 A1 20240717; WO 2023036565 A1 20230316

DOCDB simple family (application)  
**DE 102021123488 A 20210910**; CN 202280060721 A 20220816; EP 2022072828 W 20220816; EP 22765525 A 20220816