

Title (en)

CHARGING SOCKET FOR AN ELECTRICAL ENERGY STORE

Title (de)

LADEBUCHSE FÜR EINEN ELEKTRISCHEN ENERGIESPEICHER

Title (fr)

DOUILLE DE CHARGE POUR ACCUMULATEUR D'ÉNERGIE ÉLECTRIQUE

Publication

**EP 4295446 A1 20231227 (DE)**

Application

**EP 22707604 A 20220214**

Priority

- DE 102021103797 A 20210218
- DE 2022100124 W 20220214

Abstract (en)

[origin: WO2022174866A1] A charging socket for an electrical energy store, comprising at least two power contacts (18) that are each electrically connected to a shielded power cable (24), and an earth conductor arrangement for connecting the shield casings of the power cables (24) to an earth element of the energy store, characterized in that the earth conductor arrangement has at least two separate shield tapping elements (44) each of which is connected to an earth element and which are movable relative to each other in the longitudinal direction of the power cables (24).

IPC 8 full level

**H01R 9/05** (2006.01); **H01R 4/02** (2006.01); **H01R 4/56** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP KR)

**H01R 4/023** (2013.01 - KR); **H01R 4/56** (2013.01 - KR); **H01R 9/0509** (2013.01 - EP KR); **H01R 9/0512** (2013.01 - EP KR); **H01R 9/0518** (2013.01 - KR); **H01R 13/5841** (2013.01 - KR); **H01R 4/023** (2013.01 - EP); **H01R 4/56** (2013.01 - EP); **H01R 9/0518** (2013.01 - EP); **H01R 13/5841** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP KR); **Y02T 10/7072** (2013.01 - EP KR); **Y02T 90/14** (2013.01 - EP KR)

Citation (search report)

See references of WO 2022174866A1

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 102021103797 B3 20220519**; CN 116897473 A 20231017; EP 4295446 A1 20231227; KR 20230144077 A 20231013; WO 2022174866 A1 20220825

DOCDB simple family (application)

**DE 102021103797 A 20210218**; CN 202280014824 A 20220214; DE 2022100124 W 20220214; EP 22707604 A 20220214; KR 20237031073 A 20220214