

Title (en)

CONNECTOR HOUSING MODULE AND CONNECTOR HOUSING COMPRISING SUCH A CONNECTOR HOUSING MODULE

Title (de)

VERBINDERGEHÄUSEBAUGRUPPE UND VERBINDERGEHÄUSE MIT EINER DERARTIGEN VERBINDERGEHÄUSEBAUGRUPPE

Title (fr)

MODULE DE BOÎTIER DE CONNECTEUR ET BOÎTIER DE CONNECTEUR ÉQUIPÉ D'UN TEL MODULE DE BOÎTIER DE CONNECTEUR

Publication

**EP 4000142 A1 20220525 (DE)**

Application

**EP 20746555 A 20200710**

Priority

- CN 201910648572 A 20190718
- DE 2020100606 W 20200710

Abstract (en)

[origin: WO2021008656A1] Disclosed is a connector housing module which comprises a housing body (1), said housing body having a housing body end region (11), which surrounds an opening (12) in said housing body, and having a sealing ring (4), a lateral face of said housing body end region (VI) being in detent engagement with a lateral face of the sealing ring (4). A connector housing is also disclosed. The connector housing comprises a connector housing module and a hood (2), wherein an end face (21) of the hood surrounding an opening in said hood, when the hood (2) and the housing body (1) are in a closed state, in part directly contacts an end face of the housing body end region (11) and in part presses the curved edge of the first bulge (411) so that the first bulge (411) is completely interlockingly engaged with the first recess (11), thereby improving the electromagnetic shielding capacity and the water tightness of the entire connector housing.

IPC 8 full level

**H01R 13/52** (2006.01); **H01R 13/516** (2006.01); **H01R 13/6581** (2011.01)

CPC (source: CN EP US)

**H01R 13/502** (2013.01 - CN); **H01R 13/52** (2013.01 - CN US); **H01R 13/5202** (2013.01 - EP US); **H01R 13/53** (2013.01 - CN); **H01R 13/648** (2013.01 - CN); **H01R 13/6581** (2013.01 - US); **H01R 13/502** (2013.01 - US); **H01R 13/516** (2013.01 - EP US); **H01R 13/53** (2013.01 - US); **H01R 13/533** (2013.01 - US); **H01R 13/648** (2013.01 - US); **H01R 13/6581** (2013.01 - EP)

Citation (search report)

See references of WO 2021008656A1

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 2021008656 A1 20210121**; CN 112242630 A 20210119; EP 4000142 A1 20220525; US 2022278482 A1 20220901

DOCDB simple family (application)

**DE 2020100606 W 20200710**; CN 201910648572 A 20190718; EP 20746555 A 20200710; US 202017627575 A 20200710