

Title (en)

ELECTRICAL CONNECTOR HAVING A CONTACTING ELEMENT DESIGNED AS A CAST PART

Title (de)

STECKVERBINDER MIT EINEM ALS GUSSTEIL AUSGEBILDETEN KONTAKTIERUNGSELEMENT

Title (fr)

FICHE PRÉSENTANT UN ÉLÉMENT DE CONTACT CONÇU SOUS FORME DE PIÈCE COULÉE

Publication

EP 3949029 A1 20220209 (DE)

Application

EP 20715050 A 20200327

Priority

- BE 201905198 A 20190329
- EP 2020058643 W 20200327

Abstract (en)

[origin: WO2020201043A1] The invention relates to an electrical connector (1) to be connected, by plugging, to a mating electrical connector (3), the electrical connector comprising a contact carrier (12) manufactured from an electrically insulating material, an electrical earthing contact (14) arranged on the contact carrier (12) for making electrical contact with the mating electrical connector (3), and an electrically conductive housing part (17) connected to the contact carrier (12). In addition, the electrical connector (1) has an electrically conductive contacting element (16), which is manufactured by means of a casting technique, has a first contacting portion (160) which bears against the housing part (17), making electrical contact with same, and a second contacting portion (161) which bears against the earthing contact (14), making electrical contact with same, and electrically connects the housing part (17) to the earthing contact (14).

IPC 8 full level

H01R 13/6597 (2011.01); **H01R 43/16** (2006.01)

CPC (source: EP US)

H01R 13/6597 (2013.01 - EP US); **H01R 43/16** (2013.01 - US); **H01R 43/16** (2013.01 - EP); **H01R 2107/00** (2013.01 - EP US)

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 2020201043 A1 20201008; BE 1027151 A1 20201023; BE 1027151 B1 20201026; CN 113646976 A 20211112; CN 113646976 B 20231024; EP 3949029 A1 20220209; US 2022166172 A1 20220526

DOCDB simple family (application)

EP 2020058643 W 20200327; BE 201905198 A 20190329; CN 202080025707 A 20200327; EP 20715050 A 20200327; US 202017441309 A 20200327