

Title (en)

CONTACT INSERT FOR A PLUG CONNECTOR PART

Title (de)

KONTAKTEINSATZ FÜR EIN STECKVERBINDETEIL

Title (fr)

INSERT DE CONTACT POUR PARTIE CONNECTEUR ENFICHABLE

Publication

EP 3593411 B1 20211013 (DE)

Application

EP 18701440 A 20180122

Priority

- DE 102017105079 A 20170310
- EP 2018051388 W 20180122

Abstract (en)

[origin: WO2018162136A1] The invention relates to a contact insert (2, 4) for a plug connector part (1, 3) comprising a frame part (20), a plug section (200) arranged on the frame part (20) for plugging connection to a further plug connector part (3, 1), at least one electrical contact element (211, 411) arranged on the plug section (200), and an earthing element (22) arranged on the frame part (20), onto which a grounding wire (25) can be connected. In addition, a contacting device (23) arranged on the earthing element (22) is also provided, comprising a spring element (230) which can pivot about a pivot axis (D) in relation to the earthing element (22), and which has a clamping limb (231) for blocking a grounding wire (25) on the earthing element (22) in a clamping position, and an engaging limb (232) for engaging the spring element (230) with the earthing element (22), wherein the spring element (230) can be moved out of the clamping position by releasing the engagement. In this way, a contact insert for a plug connector part is provided, which permits a simple connection of a grounding wire.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 4/64** (2006.01); **H01R 43/20** (2006.01); **H01R 43/26** (2006.01)

CPC (source: EP)

H01R 4/4821 (2023.08); **H01R 4/646** (2013.01); **H01R 4/484** (2023.08); **H01R 43/205** (2013.01); **H01R 43/26** (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

DOCDB simple family (publication)

WO 2018162136 A1 20180913; CN 110392961 A 20191029; CN 110392961 B 20220304; DE 102017105079 A1 20180913; EP 3593411 A1 20200115; EP 3593411 B1 20211013

DOCDB simple family (application)

EP 2018051388 W 20180122; CN 201880017327 A 20180122; DE 102017105079 A 20170310; EP 18701440 A 20180122