

Title (en)

PLUG WITH SHIELD CONTACT TONGUES ARRANGED IN FRONT OF CONTACT ELEMENTS IN THE AXIAL DIRECTION

Title (de)

STECKER MIT IN AXIALRICHTUNG VOR KONTAKTELEMENTEN ANGEORDNETEN SCHIRMKONTAKTZUNGEN

Title (fr)

FICHE AVEC LANGUETTES DE CONTACT DE BLINDAGE DISPOSÉES DEVANT LES ÉLÉMENTS DE CONTACT

Publication

EP 3566266 B1 20210728 (DE)

Application

EP 18700865 A 20180108

Priority

- DE 202017100060 U 20170109
- EP 2018050328 W 20180108

Abstract (en)

[origin: WO2018127580A1] The invention relates to a plug comprising a contact carrier (2), which is connected to or can be connected to a wire of a cable and which supports contact elements (1) extending in the direction of a plug axis (A), and comprising a shield contact assembly, which forms separated shield contact tongues (3) extending on a first circular arc line about the plug axis (A) and in the direction of the plug axis (A). According to the invention, the shield contact tongues (3) have contact springs (4) facing radially outwards in an end section lying in front of the contact elements (1) and the contact carrier (2) in the direction of the plug axis (A), said contact tongues being cut free out of the substantially rectangular end sections, thereby forming a respective peripherally closed window (9). The invention additionally relates to a plug assembly comprising such a plug and a matching mating plug.

IPC 8 full level

H01R 13/6582 (2011.01); **H01R 13/6592** (2011.01); **H01R 13/627** (2006.01); **H01R 13/645** (2006.01); **H01R 24/86** (2011.01)

CPC (source: EP)

H01R 13/6582 (2013.01); **H01R 13/6592** (2013.01); **H01R 13/6271** (2013.01); **H01R 13/6456** (2013.01); **H01R 24/86** (2013.01); **H01R 2107/00** (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)

DE 202017100060 U1 20180410; CN 110121816 A 20190813; CN 110121816 B 20210312; DK 3566266 T3 20211018; EP 3566266 A1 20191113; EP 3566266 B1 20210728; WO 2018127580 A1 20180712

DOCDB simple family (application)

DE 202017100060 U 20170109; CN 201880005613 A 20180108; DK 18700865 T 20180108; EP 18700865 A 20180108; EP 2018050328 W 20180108