

Title (en)

RAIL SOCKET WITH IMPROVED CURRENT TRANSMISSION

Title (de)

SCHIENENSOCKEL MIT VERBESSERTER STROMÜBERTRAGUNG

Title (fr)

PRISE DE RAIL À TRANSMISSION DE COURANT AMÉLIORÉE

Publication

EP 3391471 B1 20230322 (EN)

Application

EP 16825343 A 20161213

Priority

- DE 102015225777 A 20151217
- EP 2016080854 W 20161213

Abstract (en)

[origin: WO2017102764A1] The invention relates to a rail socket (13) for connecting a module device (2) to a conductor member (4), the rail socket (13) comprising a conductor receptacle (29) adapted to receive the conductor member (4). Rail sockets (13) of the art have the disadvantages that mechanical and/or electrical connection between the rail socket (13) and a conductor member (4) may be degraded by means of tolerances of the conductor member (4). The present invention solves this problem by providing the rail socket (13) with at least one electrically conductive resilient contact member (15) which extends into the conductor receptacle (23).

IPC 8 full level

H01R 9/26 (2006.01); **H01R 4/48** (2006.01); **H01R 4/64** (2006.01); **H01R 13/24** (2006.01)

CPC (source: EP)

H01R 9/2691 (2013.01); **H01R 13/24** (2013.01); **H01R 25/142** (2013.01); **H01R 9/2608** (2013.01)

Citation (examination)

DE 102013114315 A1 20150618 - PHOENIX CONTACT GMBH & CO [DE]

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 2017102764 A1 20170622; EP 3391471 A1 20181024; EP 3391471 B1 20230322

DOCDB simple family (application)

EP 2016080854 W 20161213; EP 16825343 A 20161213