

Title (en)

METAL PROTECTIVE CONDUCTOR CONNECTION ELEMENT, AND ELECTRIC SERIES TERMINAL

Title (de)

METALLISCHES SCHUTZLEITERANSCHLUSSELEMENT UND ELEKTRISCHE REIHENKLEMME

Title (fr)

ÉLÉMENT MÉTALLIQUE DE CONNEXION DE CONDUCTEUR DE TERRE ET BLOC DE JONCTION ÉLECTRIQUE

Publication

EP 3084891 B1 20190327 (DE)

Application

EP 14795829 A 20141110

Priority

- DE 102013114315 A 20131218
- EP 2014074148 W 20141110

Abstract (en)

[origin: WO2015090729A1] The invention relates to a metal protective conductor connection element for arranging on an electric series terminal (50) which has a terminal housing (52), comprising a metal foot arrangement (30) which has at least one first metal foot (10) and at least one second metal foot (20) for supporting on a support rail (60). The first metal foot (10) has a first spring element (11a) with a contact region (12) for forming a force-fitting connection of the first spring element (11a) of the first metal foot (10) to the support rail (60) and a second spring element (11b) with a securing region (13) for forming a form-fitting connection of the second spring element (11b) of the first metal foot (10) to the support rail (60), and the second metal foot (20) has a first spring element (21a) with a securing region (22) for forming a form-fitting connection of the first spring element (21a) of the second metal foot (20) to the support rail (60) and a second spring element (21b) for forming a form-fitting connection of the second spring element (21b) of the second metal foot (20) to the support rail (60).

IPC 8 full level

H01R 9/26 (2006.01); **H02B 1/052** (2006.01)

CPC (source: EP US)

H01R 9/26 (2013.01 - US); **H01R 9/2691** (2013.01 - EP US)

Cited by

DE102023109918A1; WO2024217861A1; LU503992B1

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 102013114315 A1 20150618; CN 105830282 A 20160803; CN 105830282 B 20190416; EP 3084891 A1 20161026;
EP 3084891 B1 20190327; ES 2719700 T3 20190712; US 2016322718 A1 20161103; US 9831569 B2 20171128; WO 2015090729 A1 20150625

DOCDB simple family (application)

DE 102013114315 A 20131218; CN 201480068668 A 20141110; EP 14795829 A 20141110; EP 2014074148 W 20141110;
ES 14795829 T 20141110; US 201415104989 A 20141110