

Title (en)

CURRENT GUIDING PROFILE CONNECTOR AND CURRENT GUIDING ARRANGEMENT

Title (de)

STROMFÜHRUNGSPROFIL-VERBINDER UND STROMFÜHRUNGSANORDNUNG

Title (fr)

CONNECTEUR DU PROFILÉ D'ALIMENTATION EN COURANT ET DISPOSITIF D'ALIMENTATION EN COURANT

Publication

EP 3477774 B1 20201209 (DE)

Application

EP 18199884 A 20181011

Priority

DE 102017125275 A 20171027

Abstract (en)

[origin: CN109728463A] A current guiding profile connector with plug contacts and an insulating housing, the receiving chambers for receiving a respective plug contact, conductor insertion openings at a first end face of the insulating housing, each opening into a receiving chamber, and insertion openings on a second end face of the insulating housing, the first end face diametrically opposite and an access into each of which a receiving chamber provides, will be described. The plug contacts are slidably received in a plug-in direction extending from the first end face to the second end face of the insulating material housing in a respective receiving chamber. The plug contacts have wire terminal contacts on the side facing the conductor insertion openings and have the fork or blade contact for contacting an electrical conductor clamped to the conductor connection contact. The wire terminal contact has a clamping spring for clamping the electrical conductor, and the pair of spring arms has two spring arms that are opposite each other.

IPC 8 full level

H01R 4/18 (2006.01); **H01R 4/48** (2006.01); **H01R 9/24** (2006.01); **H01R 13/05** (2006.01); **H01R 13/115** (2006.01); **H01R 25/16** (2006.01)

CPC (source: EP)

H01R 4/184 (2013.01); **H01R 4/48185** (2023.08); **H01R 9/2416** (2013.01); **H01R 9/2491** (2013.01); **H01R 13/05** (2013.01); **H01R 13/115** (2013.01); **H01R 25/162** (2013.01)

Citation (opposition)

Opponent : Siteco GmbH

- DE 7720504 U1 19781221
- US 2007059973 A1 20070315 - FABIAN DAVID J [US], et al
- EP 2626954 A1 20130814 - BJB GMBH & CO KG [DE]
- DE 19735835 A1 19990218 - WAGO VERWALTUNGS GMBH [DE]
- EP 2479851 A1 20120725 - RIDI LEUCHTEN GMBH [DE]

Cited by

EP3934029A1; AU2022211859B2; EP3823100A1

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DOCDB simple family (application)

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