

Title (en)
CURRENT GUIDING PROFILE AND PICKUP CONNECTOR

Title (de)
STROMFÜHRUNGSPROFIL UND ABGRIFFSTECKVERBINDER

Title (fr)
PROFILÉ DE CONDUCTION DE COURANT ET CONNECTEUR ENFICHABLE DE BRANCHEMENT

Publication
EP 3553898 A1 20191016 (DE)

Application
EP 19167602 A 20190405

Priority
DE 202018101958 U 20180411

Abstract (en)
[origin: CN210468317U] The utility model relates to a conductive section bar and a tapping type plug connector, the conductive section bar is provided with a plurality of grooves and electric leads in the grooves, and the grooves are arranged side by side, extend along the longitudinal direction of the conductive section bar and are led out from the section bar plug side of the conductive section bar. The utility model relates to a tap plug connector for connecting to an electrical line of such an electrically conductive profile and contacting the electrically conductive profile, said tap plug connector comprising: a plurality of connecting tabs which are arranged next to one another; and electrical contact elements, each of which, together with an associated connection tab, forms a slot for insertion into an electrically conductive profile in order to electrically conductively contact an electrical line in the slot.

Abstract (de)
Die Erfindung betrifft ein Stromführungsprofil (1) mit mehreren Nuten (4a, 4b), die nebeneinander angeordnet sind, sich in Längsrichtung (L) des Stromführungsprofils (1) erstrecken und an einer Profilsteckseite des Stromführungsprofils (1) ausmünden, und mit elektrischen Leitern (5) in den Nuten (4a, 4b), wobei eine erste Art von Nuten (4a) tiefer als eine zweite Art von Nuten (4b) ist. Die tieferen Nuten (4a) der ersten Art haben eine größere Nutbreite als die schmalere Nuten (4b) der zweiten Art.

IPC 8 full level
H01R 25/14 (2006.01); **H01R 13/642** (2006.01)

CPC (source: EP)
H01R 13/642 (2013.01); **H01R 25/142** (2013.01); **H01R 25/145** (2013.01)

Citation (search report)

- [X] DE 102011001274 A1 20120920 - PHOENIX CONTACT GMBH & CO [DE]
- [X] DE 4106785 A1 19911205 - SCHNEIDER HANS [DE]
- [E] EP 3503312 A1 20190626 - WAGO VERWALTUNGS GMBH [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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202018101958 U1 20190712; CN 210468317 U 20200505; EP 3553898 A1 20191016

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DE 202018101958 U 20180411; CN 201920462230 U 20190408; EP 19167602 A 20190405