

Title (en)  
CONDUCTOR CONNECTION CLAMP

Title (de)  
LEITERANSCHLUSSKLEMME

Title (fr)  
BORNE DE CONNEXION DE CONDUCTEUR

Publication  
**EP 3292591 A1 20180314 (DE)**

Application  
**EP 16718704 A 20160427**

Priority  
• DE 102015107055 A 20150506  
• EP 2016059395 W 20160427

Abstract (en)  
[origin: WO2016177613A1] The invention relates to a conductor terminal (1) comprising an insulating material housing (2) which has a conductor insertion opening (15) for inserting an electric conductor (16) and a contact pin insertion opening (40) for inserting a contact pin (18), comprising a clamping spring (7) which has a clamping limb (11), a spring bow (10), and a contact limb (9), and comprising a busbar piece (8) which has a through-opening (13) for receiving the contact pin (18) and is designed to clamp the electric conductor (16) between the clamping limb (11) and a transverse web (14) of the busbar piece (8). The through-opening (13) has an opening (26) on the face opposite the transverse web (14) at the free end of the busbar piece (8). The contact limb (9) of the clamping spring (7) has two mutually spaced spring arms (20) which surround the busbar piece (8) on both sides and form a spring force clamping point for clamping a contact pin (18) inserted into the through-opening (13) in the region of the opening (26) into the busbar piece (8) by means of the spring force of the spring arms (20) of the contact limb (9).

IPC 8 full level  
**H01R 4/48** (2006.01)

CPC (source: EP US)  
**H01R 4/4821** (2023.08 - EP US); **H01R 4/4846** (2023.08 - EP US); **H01R 4/4833** (2023.08 - EP US)

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 102015107055 B3 20161006**; CN 107548528 A 20180105; CN 107548528 B 20191126; EP 3292591 A1 20180314; EP 3292591 B1 20190123; WO 2016177613 A1 20161110

DOCDB simple family (application)  
**DE 102015107055 A 20150506**; CN 201680025646 A 20160427; EP 16718704 A 20160427; EP 2016059395 W 20160427