

Title (en)
CONDUCTOR CONNECTION TERMINAL

Title (de)
LEITERANSCHLUSSKLEMME

Title (fr)
BORNE DE CONNEXION DE CONDUCTEUR

Publication
EP 3391470 A1 20181024 (DE)

Application
EP 16810377 A 20161214

Priority
• DE 102015122143 A 20151217
• EP 2016080974 W 20161214

Abstract (en)
[origin: WO2017102829A1] The invention relates to a conductor connection terminal comprising an insulating material housing and at least one spring force terminal connection for electrically contacting an electric conductor inserted through a conductor insertion opening of the insulating material housing. The at least one spring force terminal connection has at least one busbar and at least one clamping spring which has at least one clamping limb for clamping the electric conductor against a clamping point of the busbar and a contact limb for supporting the clamping spring. The conductor connection terminal further has at least one actuation element which is pivotally mounted in the insulating material housing for opening and closing the spring force terminal connection by acting on an actuation region of the clamping spring. The actuation element has at least one passage region through which an electric conductor inserted through the conductor insertion opening can be linearly guided to the clamping point through a region surrounded by the actuation element.

IPC 8 full level
H01R 4/48 (2006.01); **H01R 4/50** (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP)
H01R 4/48365 (2023.08); **H01R 4/5008** (2013.01); **H01R 4/48455** (2023.08); **H01R 13/6275** (2013.01)

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 102015122143 A1 20170622; **DE 102015122143 B4 20190214**; EP 3391470 A1 20181024; EP 3391470 B1 20200325;
WO 2017102829 A1 20170622

DOCDB simple family (application)
DE 102015122143 A 20151217; EP 16810377 A 20161214; EP 2016080974 W 20161214