

Title (en)

CONTACTING OR CONNECTION TERMINAL WITH A PRESSING MEMBER FOR ACTUATING A SPRING ELEMENT

Title (de)

ANSCHLUSS- ODER VERBINDUNGSKLEMME MIT EINEM DRÜCKER ZUR BETÄTIGUNG EINES FEDERELEMENTS

Title (fr)

BORNE DE RACCORDEMENT OU DE CONNEXION PRÉSENTANT UN POUSSOIR POUR ACTIONNER UN ÉLÉMENT À RESSORT

Publication

EP 2878040 A1 20150603 (DE)

Application

EP 13750492 A 20130701

Priority

- AT 3102012 U 20120727
- AT 2013000113 W 20130701

Abstract (en)

[origin: WO2014015352A1] The invention relates to a contacting or connection terminal for electrically connecting at least one conductor (26) and at least one electrical contact body, said terminal having a housing (2) in which the contact body is arranged, and at least one pressing member (3), wherein the electrical contact body comprises a clamping conductor connector for the at least one electrical conductor (26) and has at least one punched part (5), said punched part (5) having at least one spring element (6) for the clamping conductor connector. An actuation of the pressing member (3) acts on the spring element (6) and enables an opening of the clamping conductor connector, wherein the opening path of the clamping conductor connector (WF), due to actuation of the pressing member (3), is greater than the pressing member path (WD), at least in one portion. The invention also relates to a circuit board and a luminaire with a contacting or connection terminal according to the invention.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 12/51** (2011.01); **H01R 12/53** (2011.01)

CPC (source: CN EP US)

H01R 4/4821 (2023.08 - CN EP); **H01R 4/4833** (2023.08 - CN EP); **H01R 4/48365** (2023.08 - US); **H01R 12/515** (2013.01 - CN EP US); **H01R 12/53** (2013.01 - CN EP US); **H01R 12/7076** (2013.01 - 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)

WO 2014015352 A1 20140130; AT 13582 U1 20140415; CN 104508910 A 20150408; CN 104508910 B 20161214; EP 2878040 A1 20150603; EP 2878040 B1 20191204; US 2015194745 A1 20150709; US 9385443 B2 20160705

DOCDB simple family (application)

AT 2013000113 W 20130701; AT 3102012 U 20120727; CN 201380038856 A 20130701; EP 13750492 A 20130701; US 201314414863 A 20130701