

Title (en)

Installation device with a connection clamp assembly

Title (de)

Installationsschaltgerät mit einer Anschlussklemmenanordnung

Title (fr)

Commutateur d'installation doté d'un dispositif de borne de connexion

Publication

EP 2424045 B1 20160518 (DE)

Application

EP 11005495 A 20110706

Priority

- DE 102010035250 A 20100824
- DE 102011016753 A 20110412

Abstract (en)

[origin: EP2424045A2] The switchgear has a connecting terminal arrangement for connecting a terminal lead with an annular terminal shoe at a terminal board (16) that is supported in device interior. A terminal screw has a screw shaft (18) penetrating through the terminal shoe and standing in threaded engagement with a threaded element (50) i.e. square nut, during connection of the terminal lead. The terminal board has a holding section (51) i.e. L-shaped rod, formed at a free end of the board for stopping the threaded element.

IPC 8 full level

H01R 4/44 (2006.01); **H01R 4/34** (2006.01)

CPC (source: EP US)

H01R 4/34 (2013.01 - EP US); **H01R 4/44** (2013.01 - EP US)

Citation (examination)

- EP 0681342 A1 19951108 - WHITAKER CORP [US]
- EP 2028721 A2 20090225 - ABB AG [DE]
- US 4136924 A 19790130 - DOBROSIELSKI STEPHEN S, et al

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

DOCDB simple family (publication)

EP 2424045 A2 20120229; EP 2424045 A3 20120411; EP 2424045 B1 20160518; CN 202221712 U 20120516; DE 102011016753 A1 20120301; US 2012052749 A1 20120301; US 8192238 B2 20120605

DOCDB simple family (application)

EP 11005495 A 20110706; CN 201120155858 U 20110506; DE 102011016753 A 20110412; US 201113209787 A 20110815