

Title (en)

Terminal clamp, connecting terminal assembly and installation switching device

Title (de)

Klemmanschluss, Anschlussklemmenanordnung und Installationsschaltgerät

Title (fr)

Borne de serrage, agencement de connexion par serrage et commutateur d'installation

Publication

EP 1909359 A3 20080716 (DE)

Application

EP 07019236 A 20071001

Priority

- DE 102006047255 A 20061006
- DE 102007043801 A 20070913
- DE 102007044069 A 20070914
- DE 102007044262 A 20070917

Abstract (en)

[origin: EP1909359A2] The clamping connection (10) has a clamping spring (12) acts on the conductor end for clamping the conductor end on a support. The clamping connection comprises a bus bar (102) with a connecting end (112) and a discharge area (114), which is connected on it. The bus bar on the connecting end has a window-type recess (116) with a supporting edge (118) and has a clamping edge opposite to the supporting edge at the intersection of the connecting end in the discharge area. The clamping spring has a support shank (212), with which it is supported at the supporting edge of the bus bar. Independent claims are also included for the following: (1) a connecting terminal arrangement in a clamp connection area of an installation switch device with a clamping connection (2) an installation switch device with two shell-shaped housing parts.

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP)

H01R 4/4821 (2023.08); **H01R 4/485** (2023.08); **H01R 4/483** (2023.08)

Citation (search report)

- [X] DE 20312861 U1 20031030 - PHOENIX CONTACT GMBH & CO [DE]
- [X] EP 1641079 A1 20060329 - LEGRAND SA [FR], et al

Cited by

CN109406126A; CN105409061A; EP2940798A1; US9543668B2; WO2015014649A1; EP1928058B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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