

Title (en)
Connection terminal

Title (de)
Anschlussklemme

Title (fr)
Borne de connexion

Publication
EP 2400595 B1 20150603 (DE)

Application
EP 11004958 A 20110617

Priority
DE 102010024809 A 20100623

Abstract (en)
[origin: EP2400595A1] The terminal (1) has insulating housing (2) having spring clamping units with clamping spring (4) and bus bar (3). The spring has fix portion (6) and clamping portion (8) for attaching electric guard against bus bar. The spring has actuator (13) which is aligned by the direction of spring force of spring exerted at clamping portion so that clamping portion is pivoted upward by exerting spring force on actuator due to tilting of bearing bolt (15) toward fixing portion if operating lever (16) is pivoted away, and the spring is opened for electric guard insertion.

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP US)
H01R 4/48365 (2023.08 - EP US); **H01R 4/48455** (2023.08 - EP US)

Cited by
DE102015100257A1; DE102016115601A1; DE202016100798U1; CN111971854A; EP3038213A1; US10283880B2; WO2014075967A1; WO2019185794A1; WO2017046129A1; WO2018036898A1; US10367272B2; EP3662538B1; EP3619773B1; EP3504755B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2400595 A1 20111228; EP 2400595 B1 20150603; CN 102394387 A 20120328; CN 102394387 B 20160217;
DE 102010024809 A1 20111229; DE 102010024809 B4 20130718; DE 502011006975 C5 20240229; JP 2012009438 A 20120112;
JP 5855856 B2 20160209; TW 201222994 A 20120601; TW I540797 B 20160701; US 20111318972 A1 20111229; US 8388387 B2 20130305

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JP 2011138698 A 20110622; TW 100120208 A 20110609; US 201113161924 A 20110616