

Title (en)

Connection clamp to electrically connect conductors

Title (de)

Anschlussklemme zum elektrischen Anschluss von Leitern

Title (fr)

Borne de connexion destinée au raccordement électrique de conducteurs

Publication

EP 2562878 A3 20140108 (DE)

Application

EP 12178498 A 20120730

Priority

DE 102011081329 A 20110822

Abstract (en)

[origin: EP2562878A2] The terminal (10) has a clamping device (30) that is set with contact element (46). A transfer element (44) is set with clamping device actuated by actuator device (28) and cooperated with contact element. A force application surface (84) is provided opposite to contact surface (82) with which power transmission surface (58) is cooperated. The force is exerted on force application surface provided on power transmission surface by transfer element. A contact region (80) transfers pressing force from force application surface to contact surface.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 4/50** (2006.01)

CPC (source: EP)

H01R 4/48365 (2023.08); **H01R 4/5008** (2013.01)

Citation (search report)

- [X] DE 10037550 A1 20020214 - LUETZE FRIEDRICH ELEKTRO [DE]
- [XD] US 3671924 A 19720620 - NAGANO HIDEO
- [X] EP 1258950 A1 20021120 - ENTRELEC SA [FR]
- [A] EP 0837526 A1 19980422 - LEGRAND SA [FR], et al

Cited by

DE102015112433A1; CN108075252A; EP2843765A1; DE102015112433B4; WO2014186813A1; WO2017016751A1

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)

EP 2562878 A2 20130227; **EP 2562878 A3 20140108**; DE 102011081329 A1 20130228; DE 102011081329 A9 20130613

DOCDB simple family (application)

EP 12178498 A 20120730; DE 102011081329 A 20110822