

Title (en)

Screw-clamp and method for manufacturing thereof

Title (de)

Schraubanschlussklemme und Verfahren zu deren Herstellung

Title (fr)

Borne de connexion à vis et son procédé de fabrication

Publication

EP 2019449 A3 20091216 (DE)

Application

EP 08007016 A 20080409

Priority

DE 102007035016 A 20070726

Abstract (en)

[origin: EP2019449A2] The clamp (1) has a clamping screw (2) accommodated in a threaded opening of a clamping piece. A conductor rail (4) comprises a rectangular contact plate (22) at a free end (26) of the rail, where the length of the contact plate is greater than the breadth of the rail accommodating an interior space of a clamping piece (3). The contact plate overlaps the clamping piece on both sides in a mounted condition of the rail with the free ends, where the length of the contact plate is smaller than the height of the rail. An independent claim is also included for a method for manufacturing a screw connection clamp.

IPC 8 full level

H01R 4/36 (2006.01); **H01R 9/26** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP US)

H01R 4/363 (2013.01 - EP US); **H01R 9/26** (2013.01 - EP US); **H01R 43/16** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0847105 A1 19980610 - HAGER ELECTRO [FR]
- [XY] EP 0541459 A1 19930512 - MERLIN GERIN [FR]
- [XY] EP 1596471 A1 20051116 - FUJI ELEC FA COMPONENTS & SYS [JP]
- [X] US 2159757 A 19390523 - BLAKESLEE HENRY J
- [X] EP 0893846 A1 19990127 - ABB CONTROL SA [FR]
- [YA] FR 2459560 A1 19810109 - ALSTHOM CGEE

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2019449 A2 20090128; **EP 2019449 A3 20091216**; **EP 2019449 B1 20150805**; CA 2638155 A1 20090126; CN 101355199 A 20090128; CN 101355199 B 20121128; DE 102007035016 A1 20090129; US 2009029604 A1 20090129; US 7575486 B2 20090818

DOCDB simple family (application)

EP 08007016 A 20080409; CA 2638155 A 20080724; CN 200810085563 A 20080319; DE 102007035016 A 20070726; US 21958108 A 20080724