

Title (en)

BRIDGE FOR AN ELECTRICAL TERMINAL

Title (de)

QUERBRÜCKER FÜR EINE ELEKTRISCHE KLEMME

Title (fr)

PONTAGE TRANSVERSAL POUR UNE BORNE ÉLECTRIQUE

Publication

EP 2692027 B1 20180530 (DE)

Application

EP 12714264 A 20120327

Priority

- DE 102011001714 A 20110331
- EP 2012055384 W 20120327

Abstract (en)

[origin: WO2012130825A2] The invention relates to a bridge for an electrical terminal for electrically connecting current bars (4) of the terminal, wherein the bridge has a head part (1) and at least one resilient pair of clamping tongues (5) for inserting into an opening (3) of the current bar (4), wherein the clamping tongues (5) each have an inside (8) and an outside (9), the outsides (9) each form a contact area (10) for contacting the opening (3), the clamping tongues (5) are each connected to the head part (1) and acted upon by spring force in such a way that the insides (8) of a clamping tongue pair (5) are arranged facing each other and are arranged spaced from each other when the clamping tongue pair (5) is not in contact with the current bar (4), the clamping tongues (5) each extend from the head part (1) to a tip (11), and the insides (8) each have a contour that is designed in such a way that, when the clamping tongue pair (5) is in contact with the current bar (4), the tips (11) of the clamping tongues (5) lie against each other and a gap (12) is formed between the insides (8) between the head part (1) and the tips (11). Because a gap (12) is formed between the insides (8) when the clamping tongue pair (5) is in contact with the current bar (4), production tolerances of the clamping tongues (5) can be compensated, which in turn leads to significantly improved contacting between the clamping tongues (5) and the current bar (4).

IPC 8 full level

H01R 31/08 (2006.01)

CPC (source: EP US)

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Citation (examination)

- DE 8311219 U1 19831208
- DE 4223540 A1 19940120 - WEIDMUELLER INTERFACE [DE]
- DE 4414148 A1 19951026 - HOELSCHER HEINRICH [DE], et al

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