

Title (en)

CLAMPING ASSEMBLY, SPRING TERMINAL AND SWITCH DEVICE COMPRISING SUCH CLAMPING ASSEMBLY

Title (de)

KLEMMANORDNUNG, FEDERKRAFTKLEMME UND SCHALTGERÄT MIT DIESER KLEMMANORDNUNG

Title (fr)

ENSEMBLE DE SERRAGE, BORNE À RESSORT ET INTERRUPTEUR COMPRENANT CET ENSEMBLE DE SERRAGE

Publication

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Application

EP 16709800 A 20160314

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Abstract (en)

[origin: WO2016150743A1] The present invention relates to a clamping arrangement comprising a busbar and two spring-force terminals, wherein the two spring-force terminals each comprise a clamping cage and a spring, wherein an electrical conductor can be inserted into each of the two clamping cages in an insertion direction, and can be clamped between said clamping cage and the spring, and wherein the two insertion directions of the spring-force terminals are arranged at a right angle, or on opposite sides of the busbar and at an angle of 180° in relation to one another. The present invention additionally relates to a spring-force terminal which comprises a clamping cage, a spring and an operator control element for opening the spring, wherein an electrical conductor can be inserted into the clamping cage in an insertion direction, and can be releasably clamped between said clamping cage and the spring, wherein the operator control element can be moved in and against the insertion direction, and wherein the operator control element can be operated both in the insertion direction and also at a right angle to the insertion direction. The present invention further relates to an electrical switching device, in particular a circuit breaker, motor circuit breaker, a contactor or a relay, comprising a clamping arrangement of this kind.

IPC 8 full level

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Citation (opposition)

Opponent :

- DE 102008033325 A1 20100121 - PHOENIX CONTACT GMBH & CO [DE]
- DE 102007009082 A1 20070906 - ILME SPA [IT]

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