

Title (en)
ELECTRICAL CONNECTION TERMINAL

Title (de)
ELEKTRISCHE ANSCHLUSSKLEMME

Title (fr)
BORNE DE CONNEXION ÉLECTRIQUE

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Application
EP 09778155 A 20090827

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Abstract (en)
[origin: WO2010031491A2] The invention illustrates and describes an electrical connection terminal having a clamping spring (2), having a metal part (3) and having a housing (5) which accommodates the clamping spring (2) and the metal part (3) and has at least one conductor insertion opening (4), wherein the clamping spring (2) has a clamping limb (6), an operating limb (7) and a back (8) which connects the two limbs to one another, wherein the clamping limb (6), together with the metal part (3), forms a clamping point () for a stripped conductor (10) which is to be connected, wherein the clamping spring (2) is pivotably mounted in the housing (5) or on the metal part (3) in such a way that the clamping spring (2) can be moved from a first (open) position to a second (closed) position, and wherein a stripped electrical conductor (10) which is inserted through the conductor insertion opening (4) can be inserted into the clamping point (9) in the first position of the clamping spring (2), without the clamping limb (6) having to be deflected against its spring force, and is electrically conductively clamped in the second position of the clamping spring (2) between the end of the clamping limb (6) and the metal part (3). In the electrical connection terminal (1) according to the invention, a simple yet secure connection of an electrical conductor is made possible by an operating element (12) being pivotably mounted in the housing (5) in such a way that the operating element (12) can be moved from a first position to a second position, and that the clamping spring (2) is pivoted out of its first position to its second position when the operating element (12) is pivoted from the first position to the second position.

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Cited by
CN105703120A; DE102022129090A1; WO2024094805A1; LU502993B1

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