

Title (en)
WATER TIGHT CONNECTING TERMINAL FOR A COATED OVERHEAD CABLE

Title (de)
WASSERDICHTER ANSCHLUSS FÜR ISOLIERTES FREILEITUNGSKABEL

Title (fr)
BORNE DE RACCORDEMENT ETANCHE POUR LIGNE AERIENNE ISOLEE

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Application
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Abstract (en)
[origin: WO9859392A1] The invention relates to a water tight terminal for a coated overhead cable, comprising two face-to-face adaptable jaw elements (1, 2) provided with conductor slots (3, 4; 5, 6) for wires to be joined, and slots (7, 8) transverse to the conductor slots for metallic clamp elements (13), as well as liners (15) partially surrounding the clamp elements. The clamp element (13) is provided, in line with the conductor slots, with conductor-insulation piercing teeth (14) which, upon clamping the terminal, emerge from within the liner (15) while the liner (15) compresses against the conductor insulation around the piercing point of the teeth (14). The flanks of the clamp elements (13) are provided with elongated bosses (16) remaining at least partially inside the liner near the base area of the teeth (14), arranged such that the bosses (16) resist excessive penetration of the teeth into the conductor and at the same time improve the sealing surrounding the clamp element (13).

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