

Title (en)

Wire electrical tapping terminal without previous stripping.

Title (de)

Elektrische Drahtabzweigungsklemme ohne vorheriges Isolationsabziehen.

Title (fr)

Borne de raccordement électrique de fils sans dénudage préalable.

Publication

EP 0308845 B1 19940216 (FR)

Application

EP 88115310 A 19880919

Priority

FR 8713069 A 19870922

Abstract (en)

[origin: JPH01112675A] PURPOSE: To connect electrical wires without stripping the wires by applying a lateral pressure of a central pushing member until a punching point punches an insulating part of the electrical wire to make contact with a conductive strand. CONSTITUTION: Power transmission electrical wires 1 are connected by means of connection terminals, which comprises at least two end parts with tube-shaped taps or thread grooves in a rigid body 4 made of metal or molded insulation resin. A stopper 6 is threadedly fastened to each tube-shaped end part of the body 4, and the electrical wires 1 are accommodated in a body portion of the body 4 of each stopper 6. An electric wire passage opening of the tube-shaped end part is divided by a common bottom wall surface wherein a spike 9 is held, The spike 9 projects into the respective electrical wire passage opening to form an electric wire punching point. The electrical wires 1 are inserted from a duct 18 into a space between a punching point and the stopper 6 by loosening a thread on the stopper 6, and then the stopper 6 is threadedly fastened to press the electrical wires 1 on the punching point. Consequently, 1 the punching point penetrates an insulation layer of the electrical wires to provide electrical interconnection.

IPC 1-7

H01R 4/24

IPC 8 full level

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CPC (source: EP US)

H01R 4/2408 (2013.01 - EP US); **H01R 4/2406** (2017.12 - EP US)

Cited by

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