

Title (en)

EQUIPMENT FOR ESTABLISHING A SOLDER, SCREW, AND INSULATION STRIP FREE LSA-PLUS CONTACT FOR CONDUCTORS

Publication

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Application

**EP 82111350 A 19821208**

Priority

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Abstract (en)

[origin: ES275013U] The subject matter of the invention relates to a device having a unitary terminal element (1) of X-shaped cross-section, in which the conductor wire (2), especially aluminum or multi-wire copper conductors, is adapted to be inserted centrally into the slot (10) through two insertion openings (3, 4) each of which includes a V-shaped centering portions (6) and two offset cutting lances (7, 8) at the lower end thereof, said cutting lances being intended to rip open the conductor insulation at offset and opposite locations. The size of the conductor wire (2) to be terminated, the slot width, and the resilient slot walls (10a, 10b) determine the contact pressure. The air gap of the slot (10) has an automatic matching function (e.g. when the conductor material ages) and ensures a continually sufficient contact pressure.

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IPC 8 full level

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CPC (source: EP KR US)

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**EP 0088162 A1 19830914; EP 0088162 B1 19850731**; AR 229823 A1 19831130; AT E14640 T1 19850815; AU 563790 B2 19870723; AU 9096282 A 19830901; CA 1195398 A 19851015; DE 3207186 C1 19830811; DK 521782 A 19830828; ES 275013 U 19841001; ES 275013 Y 19850401; ES 276300 U 19860716; ES 276300 Y 19870401; GB 2115990 A 19830914; GB 2115990 B 19850829; GB 8302693 D0 19830302; GR 77028 B 19840904; HK 10286 A 19860221; IE 53939 B1 19890426; IE 822894 L 19830827; IL 67367 A0 19830331; IN 157557 B 19860426; JP S58158876 A 19830921; JP S5925342 B2 19840616; KR 840003545 A 19840908; MY 8600410 A 19861231; NO 158647 B 19880704; NO 158647 C 19881012; NO 823894 L 19830829; PH 19960 A 19860820; US 4611874 A 19860916; ZA 829026 B 19830928

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