

Title (en)
Connectors for power distribution cables.

Title (de)
Verbinder für Kraftverteilungskabel.

Title (fr)
Connecteurs pour câbles de distribution de puissance.

Publication
EP 0125042 A1 19841114 (EN)

Application
EP 84302476 A 19840411

Priority
US 48399783 A 19830411

Abstract (en)
Connectors for terminating and splicing high voltage power cables comprise a metallic tubular sleeve having an open end for receiving an electrical conductor and a closed end. The inner wall of the sleeve is pretinned. The sleeve can be provided with a slug of solder proximate to the closed end. A connection is made by inserting the conductor into the sleeve, heating the solder, and as the solder melts, relatively moving the connector and the conductor toward each. The connector can be provided with an insert to accommodate conductors that are non-circular in cross-section. The connector can be provided with means for pressuring the slug of solder toward the open end of the sleeve at the temperature at which the slug of solder melts. With this connector, no relative movement between the conductor and the connector is required. Merely by melting the solder, the means for pressuring causes the solder to extrude around the conductor.

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H01R 4/02

IPC 8 full level
H01R 4/02 (2006.01)

CPC (source: EP)
H01R 4/02 (2013.01)

Citation (search report)
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EP 0125042 A1 19841114; EP 0125042 B1 19880727; AT E36095 T1 19880815; AU 2670984 A 19841018; AU 573581 B2 19880616; BR 8401700 A 19841120; CA 1224855 A 19870728; DE 3473098 D1 19880901; DK 162550 B 19911111; DK 162550 C 19920406; DK 185684 A 19841012; DK 185684 D0 19840410; ES 531457 A0 19851001; ES 8605128 A1 19851001; FI 80969 B 19900430; FI 80969 C 19900810; FI 841414 A0 19840410; FI 841414 A 19841012; GB 2137913 A 19841017; GB 2137913 B 19861105; HU 189106 B 19860630; HU T35114 A 19850528; IL 71479 A0 19840731; IL 71479 A 19870831; JP S59209283 A 19841127; MX 154854 A 19871221; MY 102619 A 19920817; NO 166905 B 19910603; NO 166905 C 19910911; NO 841419 L 19841012; ZA 842644 B 19851127

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EP 84302476 A 19840411; AT 84302476 T 19840411; AU 2670984 A 19840410; BR 8401700 A 19840411; CA 451675 A 19840410; DE 3473098 T 19840411; DK 185684 A 19840410; ES 531457 A 19840410; FI 841414 A 19840410; GB 8409369 A 19840411; HU 142284 A 19840411; IL 7147984 A 19840409; JP 7386784 A 19840411; MX 20097384 A 19840411; MY PI19872518 A 19870930; NO 841419 A 19840410; ZA 842644 A 19840410