

Title (en)
CONNECTING CLAMP FOR ELECTRICAL CONDUCTORS

Title (de)
VERBINDUNGSKLEMME FÜR ELEKTRISCHE LEITER

Title (fr)
PINCE DE RACCORDEMENT POUR CONDUCTEURS ELECTRIQUES

Publication
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Application
EP 96910937 A 19960327

Priority

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Abstract (en)
[origin: US6036532A] This invention relates to a detachable connecting terminal which connects an electric conductor in the form of a wire or strand with an electroconductive contact bar, wherein a pivotably positioned terminal disk in the housing forces the conductor against the contact bar when swivelled. According to the invention, the terminal disk has a knife which, together with a counter knife at the contact bar, separates the insulation from the conductor upon rotation of the terminal disk and forces the stripped portion of the conductor against the clamping region upon further rotation of the terminal disk. This joint can be separated with a suitable tool by pressing against a locking nose.

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H01R 4/50

IPC 8 full level
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Cited by
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US 6036532 A 20000314; AT E181461 T1 19990715; AU 5398196 A 19961121; AU 698363 B2 19981029; BR 9608129 A 19991207; CA 2219668 A1 19961107; CA 2219668 C 20060131; CN 1068139 C 20010704; CN 1183856 A 19980603; CZ 286587 B6 20000517; CZ 344897 A3 19980218; DE 19516338 C1 19960822; DK 0824767 T3 19991227; EP 0824767 A1 19980225; EP 0824767 B1 19990616; ES 2136399 T3 19991116; GR 3031019 T3 19991231; HK 1017950 A1 19991203; HU 221773 B1 20030128; HU P9801557 A2 19981028; HU P9801557 A3 20010628; JP 2000513863 A 20001017; JP 3238708 B2 20011217; KR 100292230 B1 20010601; KR 19990008196 A 19990125; PL 179940 B1 20001130; PL 323105 A1 19980316; TR 199701296 T1 19980221; WO 9635242 A1 19961107

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US 94582898 A 19980109; AT 96910937 T 19960327; AU 5398196 A 19960327; BR 9608129 A 19960327; CA 2219668 A 19960327; CN 96193722 A 19960327; CZ 344897 A 19960327; DE 19516338 A 19950504; DK 96910937 T 19960327; EP 9601347 W 19960327; EP 96910937 A 19960327; ES 96910937 T 19960327; GR 990402097 T 19990818; HK 98111302 A 19981019; HU P9801557 A 19960327; JP 53295296 A 19960327; KR 19970707721 A 19971030; PL 32310596 A 19960327; TR 9701296 T 19960327