

Title (en)
CONNECTING CLAMP FOR ELECTRICAL CONDUCTORS

Title (de)
VERBINDUNGSKLEMME FÜR ELEKTRISCHE LEITER

Title (fr)
PINCE DE RACCORDEMENT POUR CONDUCTEURS ELECTRIQUES

Publication
EP 0824767 B1 19990616 (DE)

Application
EP 96910937 A 19960327

Priority

- DE 19516338 A 19950504
- EP 9601347 W 19960327

Abstract (en)
[origin: DE19516338C1] A connection terminal for use with electrical cables has a base with a centrally located cutter (8). The cutter has blades at both ends (13). The cable ends are inserted (14) into the housing and adopt a curved profile (14). The insulation is removed from the ends by pressing plungers (5, 12), the tips of which press against profiled cams (10) with part of the surface having a gear tooth profile. As the plungers are moved the cam rotates to apply force with the toothed profile and at the same time aids in the cutting and removal of the insulation.

IPC 1-7
H01R 4/50

IPC 8 full level
H01R 4/50 (2006.01); **H01R 9/24** (2006.01); **H01R 12/24** (2006.01)

CPC (source: EP KR US)
H01R 4/50 (2013.01 - KR); **H01R 4/5008** (2013.01 - EP US); **H01R 9/24** (2013.01 - EP US)

Cited by
US6712640B2

Designated contracting state (EPC)
AT BE CH DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
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

DOCDB simple family (application)
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