

Title (en)
Insulation displacing barrel terminal.

Title (de)
Isolationsverdrängende zylindrische Anschlussklemme.

Title (fr)
Borne cylindrique à déplacement d'isolation.

Publication
EP 0348066 B1 19940406 (EN)

Application
EP 89305747 A 19890607

Priority
US 21148388 A 19880624

Abstract (en)
[origin: EP0348066A1] A two piece terminal includes first and second sections (100,200) where the first section (100) is stationary relative to the second section (200) and the second section (200) is rotatable relative to the first section (100). Each of the sections is comprised of a single thickness of metallic material wrapped into a substantially cylindrical configuration, where the second section (200) is of a larger outer diameter than the first section (100) such that the second section (200) can engagingly overlies the first section (100). The first section (100) is mounted to an insulative housing with a post section upstanding through the center of the first section (100). The post has a through opening which includes at least partially along its length, a frusto-conical section for wire section through the opening. The second section (200) of terminal has two wire receiving openings (212,222 or 232,242), each in communication with a wire-receiving slot (216 or 236) around the circumference of the cylinder, with the two wire receiving openings being on opposed sides of the through opening the post. A cap fits over the second section (200) of terminal and has a shoulder which is engageable with a free end of the second section (200) of terminal for rotation of the second section (200) of terminal relative to the first section (100) of terminal. When a wire is placed in through the cap and the cap is turned, the second section (20) of terminal is rotated and the wire is terminated in a wire-receiving slot (216 or 236).

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01)

CPC (source: EP)
H01R 4/2441 (2013.01); **H01R 4/2491** (2013.01)

Citation (examination)
US 4637675 A 19870120 - LOOSE WINFIELD W [US]

Cited by
FR2768863A1; GB2235833A; GB2235833B; EP0660441A1; US5554048A; WO9612323A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL

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EP 0348066 A1 19891227; EP 0348066 B1 19940406; AR 243301 A1 19930730; BR 8903087 A 19900206; CA 1303170 C 19920609; DE 68914340 D1 19940511; DE 68914340 T2 19941013; ES 2050801 T3 19940601; PT 90940 A 19891229; PT 90940 B 19940630

DOCDB simple family (application)
EP 89305747 A 19890607; AR 31424089 A 19890623; BR 8903087 A 19890623; CA 601035 A 19890529; DE 68914340 T 19890607; ES 89305747 T 19890607; PT 9094089 A 19890622