

Title (en)

Stripless electrical wire terminal for distributors of telecommunication installations, especially telephone installations.

Title (de)

Anschlussklemme zum abisolierfreien Anschluss elektrischer Leiter in Verteilern von Fernmeldeanlagen, insbesondere Fernsprechvermittlungsanlagen.

Title (fr)

Borne pour la connexion sans dénudage de conducteurs électriques dans les répartiteurs d'installations de télécommunications, notamment de téléphone.

Publication

EP 0121224 A1 19841010 (DE)

Application

EP 84103394 A 19840327

Priority

DE 3311447 A 19830329

Abstract (en)

The invention relates to a connecting terminal (1) for connecting electrical conductors (14), without having to strip the insulation, in distributors of telecommunications installations, especially telephone exchange installations, consisting of two sprung legs, separated in the longitudinal direction and connected rigidly to each other at their one end, the spring legs bounding a clamping area for the electrical conductor (14) and an elongated hole (2) running between the clamping area and the rigid connection of the two spring legs, the connecting terminal (1) being produced in one piece from a metallic strip material, the spring legs in the clamping area being separated by cutting. To increase the contact reliability, the two spring legs are offset with respect to one another so that the actual clamping point is subject to an additional torsional force (p). <IMAGE>

IPC 1-7

H01R 4/24

IPC 8 full level

H01R 4/24 (2006.01); **H04Q 1/14** (2006.01); **H04Q 1/16** (2006.01)

CPC (source: EP)

H01R 4/2425 (2013.01)

Citation (search report)

- [Y] DE 2610461 A1 19770922 - KRONE GMBH
- [Y] DE 2654252 A1 19780601 - SIEMENS AG
- [A] CH 266481 A 19500131 - OORTGIJSEN JAN [NL]
- [A] DE 2152250 A1 19720504 - AMP INC
- [A] DE 2351780 B1 19740404 - WESTERN ELECTRIC CO
- [A] US 3521221 A 19700721 - LENAERTS GEORGE V, et al
- [A] EP 0014081 A1 19800806 - POST OFFICE [GB]

Cited by

EP0336166A3; EP0525457A3; GB2415548A; EP0675564A1; EP0948086A3; TR24783A; FR2579376A1; US6837735B1; WO9962141A1; WO9108599A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0121224 A1 19841010; AU 2617484 A 19841004; AU 569501 B2 19880204; DE 3311447 A1 19841004; DK 56384 A 19840930; DK 56384 D0 19840208; FI 74840 B 19871130; FI 74840 C 19880310; FI 841241 A0 19840328; FI 841241 A 19840930; HU 187557 B 19860128; HU T34092 A 19850128; JP S59191274 A 19841030; JP S61204367 U 19861223; NO 840872 L 19841001; SU 1338790 A3 19870915; ZA 842289 B 19841031

DOCDB simple family (application)

EP 84103394 A 19840327; AU 2617484 A 19840328; DE 3311447 A 19830329; DK 56384 A 19840208; FI 841241 A 19840328; HU 123184 A 19840328; JP 5967984 A 19840329; JP 8258486 U 19860602; NO 840872 A 19840307; SU 3715346 A 19840327; ZA 842289 A 19840328