

Title (en)

Screwless connecting terminal for electric leads.

Title (de)

Schraubenlose Anschlussklemme für elektrische Leiter.

Title (fr)

Borne de connexion sans vis pour des conducteurs électriques.

Publication

EP 0966063 A3 20000412 (DE)

Application

EP 99111539 A 19990615

Priority

DE 19826806 A 19980616

Abstract (en)

[origin: EP0966063A2] The electrical conductor clamp terminal device has an insulating housing (3) with an insertion opening (6,6') for each electrical conductor (12) engaged by a one-piece contact element (7) fitted in the housing, with a clamp plate (20) extending diagonally across the conductor reception chamber (2,2') on the inside of each insertion opening, with a clamp edge (27), elastically deflected by the inserted electrical conductor.

IPC 1-7

H01R 4/48; **H01R 13/52**; **H01R 9/09**

IPC 8 full level

H01R 4/48 (2006.01); **H01R 12/04** (2006.01); **H01R 13/52** (2006.01); **H02K 33/02** (2006.01)

CPC (source: EP)

H01R 4/48275 (2023.08)

Citation (search report)

- [XA] US 5494456 A 19960227 - KOZEL CHARLES A [US], et al
- [XAY] US 5292260 A 19940308 - SINISI DAVID B [US], et al
- [Y] EP 0821433 A1 19980128 - CLABER SPA [IT]
- [A] US 4283103 A 19810811 - FORBERG HORST, et al
- [A] US 5575679 A 19961119 - HAMMER DIETER [DE], et al
- [A] EP 0800233 A1 19971008 - WIELAND ELECTRIC GMBH [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0966063 A2 19991222; **EP 0966063 A3 20000412**; **EP 0966063 B1 20030409**; DE 19826806 A1 20000105; DE 59904919 D1 20030515

DOCDB simple family (application)

EP 99111539 A 19990615; DE 19826806 A 19980616; DE 59904919 T 19990615