

Title (en)
Screwless electrical contact device

Title (de)
Schraubenlose elektrische Kontaktiervorrichtung

Title (fr)
Dispositif de contact électrique sans vis

Publication
EP 0828314 A1 19980311 (EN)

Application
EP 97115354 A 19970904

Priority
NO 963800 A 19960910

Abstract (en)
Screwless electrical contact device for connecting one or more bare conductors thereto, comprising a main part (4) consisting of an electrically well conductive metal, formed from sheet material and having contact areas (7,7A) for cooperation with an inserted conductor (2). A spring element (9,9A) is adapted to press an inserted conductor (2) against the contact areas (7,7A) and formed with an edge or the like for blocking against inadvertent retraction of the conductor (2). A backing element (8) is located opposed to at least an inner portion (7) of the contact areas (7,7A) and converges towards the inner portion (7) at such spacing and such direction that the end (2A) of an inserted conductor (2) is urged into engagement with the contact areas (7,7A). <IMAGE>

IPC 1-7
H01R 4/48

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP)
H01R 4/4852 (2023.08); **H01R 4/4821** (2023.08)

Citation (search report)
• [XA] DE 4003701 A1 19910808 - WAGO VERWALTUNGS GMBH [DE]
• [X] DE 3346027 A1 19850704 - PHOENIX ELEKT [DE]
• [A] DE 4444438 A1 19960620 - KLEINHUIS HERMANN GMBH [DE]
• [A] FR 2360187 A1 19780224 - LETU BERNARD [FR]

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DOCDB simple family (application)
EP 97115354 A 19970904; HU P9701490 A 19970908; NO 963800 A 19960910; PL 32199897 A 19970908