

Title (en)

Insulation displacement terminal for instance connecting block or module and terminal block with an insulation displacement terminal

Title (de)

Schneidklemm-Kontakt sowie Anschlussleiste oder -modul und Reihenklemme mit einem Schneidklemm-Kontakt

Title (fr)

Contact à déplacement d'isolation ainsi que bornier ou module et barette comportant un contact à déplacement d'isolation

Publication

EP 0893845 A3 20000726 (DE)

Application

EP 98112294 A 19980702

Priority

DE 19732182 A 19970725

Abstract (en)

[origin: EP0893845A2] The contact arrangement includes a contact spring (12) with two springy contact thighs (20) which define a contact slot (30), and an U-shaped spring (14) which is formed as a component separate from the contact spring. The U-shaped spring has thighs (28) which surround, and proceed largely vertically to cutting- and isolating areas of the contact thighs. The contact thighs are preferably bent in an area (24) remote from their end (22) in such a way, that they proceed, at least in a section largely parallel to each other with the help of the spring when opening the contact slot. The U-shaped spring comprises largely disk-shaped thighs, which surround the cutting- and isolating areas of the contact thighs over a longer area.

IPC 1-7

H01R 4/24

IPC 8 full level

H01R 4/24 (2006.01)

CPC (source: EP US)

H01R 4/2425 (2013.01 - EP US); **H01R 4/2445** (2013.01 - EP US)

Citation (search report)

- [X] DE 8604746 U1 19860410
- [A] EP 0304066 A1 19890222 - SIEMENS AG [DE]
- [A] DE 19541137 A1 19970507 - WAGO VERWALTUNGS GMBH [DE]
- [A] US 4456321 A 19840626 - JONES PHILIP N [US], et al

Cited by

EP1122820A1; DE19921768A1; FR2792119A1; WO0120723A1; WO0062373A1; US6641427B1; EP1052727A1; US6682362B2; EP3024093A1; EP3293827A1; US10283879B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 98112294 A 19980702; AT 98112294 T 19980702; DE 19732182 A 19970725; DE 59804396 T 19980702; ES 98112294 T 19980702; US 11670698 A 19980717