

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 A2 19990127 (DE)

Application

EP 98112294 A 19980702

Priority

DE 19732182 A 19970725

Abstract (en)

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.

Abstract (de)

Ein Schneidklemm-Kontakt (10) weist eine Kontaktfeder (12) mit zwei federnden Kontaktschenkeln (20), die einen Kontaktschlitz (30) begrenzen, und eine U-förmige Kraftfeder (14) auf, die als ein von der Kontaktfeder (12) getrenntes Bauteil ausgebildet ist. Die Schenkel (28) der Kraftfeder (14) verlaufen weitgehend senkrecht zu Bereichen der Kontaktschenkel (20) und umgreifen diese. <IMAGE>

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)

Cited by

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

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0893845 A2 19990127; **EP 0893845 A3 20000726**; **EP 0893845 B1 20020612**; AT E219299 T1 20020615; DE 19732182 C1 19990325; DE 59804396 D1 20020718; ES 2178081 T3 20021216; US 6027361 A 20000222

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