Title (en)

Insulation displacement contact terminal

Title (de)

Schneidklemm-Kontaktelement

Title (fr)

Organe de contact à displacement d'isolant

Publication

EP 0525457 B1 19960306 (DE)

Application

EP 92111624 A 19920709

Priority

DE 4126068 A 19910802

Abstract (en)

[origin: EP0525457A2] The invention relates to an insulation-piercing terminal contact element 1 for the insulation-free connection of an electrical conductor 2, especially in telecommunications and data technology, consisting of metallic leaf-spring material having two contact limbs 4, 5, which are separated along the contact slot 3 and are rigidly connected to one another via an end part 6, at their one end. In order to achieve greater stiffness of the insulation-piercing terminal contact element 1 with the contact slot 3 at the same time having a very small width in the quiescent state, the contact limbs 4, 5 are displaced approximately through half the material thickness D of the leaf-spring material to its front and rear side 9, 10, the contact edges 11 of the contact limbs 4, 5, which contact edges bound the contact slot 3, being arranged parallel to one another over their entire length. <IMAGE>

IPC 1-7

H01R 4/24

IPC 8 full level

H01R 4/24 (2006.01)

CPC (source: EP)

H01R 4/2425 (2013.01); H01R 2201/16 (2013.01)

Cited by

US6837735B1; EP1122820A1; EP0675564A1; US6682362B2; WO9962141A1; WO03083996A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0525457 A2 19930203; **EP 0525457 A3 19930526**; **EP 0525457 B1 19960306**; AT E135142 T1 19960315; DE 4126068 C1 19921203; DE 59205550 D1 19960411; DK 0525457 T3 19960401; ES 2084885 T3 19960516; GR 3019244 T3 19960630; IE 78623 B1 19980225; IE 922555 A1 19930210

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