

Title (en)
Cutting terminal-contact element

Title (de)
Schneidklemm-Kontaktelement

Title (fr)
Borne auto dénudante-élément de contact

Publication
EP 0665614 B1 20000419 (DE)

Application
EP 94117060 A 19941028

Priority
DE 4403278 A 19940131

Abstract (en)
[origin: EP0665614A2] The electrical blade contact element is produced as a metal pressing from thin sheet material. The contact is produced with a narrow centre slot (4) that has a width marginally smaller than the diameter of the wire core (7). The general form of the unit is 'U' shaped such that the insulated core can be pressed into the slot from the open end. The arms deflect slightly and the insulation is penetrated to make contact with the wire. An alternative version has the end edge, but with sufficient space to insert the wire. A number of variations are possible.

IPC 1-7
H01R 43/16; **H01R 4/24**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP KR US)
H01R 4/24 (2013.01 - KR); **H01R 4/2425** (2013.01 - EP US); **H01R 4/2466** (2013.01 - EP US)

Cited by
EP2144331A1; CH699105A1; US7857655B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
EP 0665614 A2 19950802; **EP 0665614 A3 19970305**; **EP 0665614 B1 20000419**; AT E191995 T1 20000515; AU 680947 B2 19970814; AU 7757794 A 19950810; BR 9500288 A 19951017; CA 2141120 A1 19950801; CN 1041257 C 19981216; CN 1126384 A 19960710; CO 4340663 A1 19960730; DE 4403278 A1 19950831; DE 4403278 C2 19971204; DE 59409296 D1 20000525; DK 0665614 T3 20000814; EG 20751 A 20000131; ES 2145799 T3 20000716; GR 3033825 T3 20001031; JP H07226236 A 19950822; KR 100228602 B1 19991101; KR 950034900 A 19951228; MY 131721 A 20070830; PE 39495 A1 19951204; PH 31358 A 19980731; PL 176179 B1 19990430; PL 306973 A1 19950807; PT 665614 E 20000831; RU 2137270 C1 19990910; RU 95101049 A 19970310; TW 371816 B 19991011; UA 27919 C2 20001016; US 5685733 A 19971111; ZA 948678 B 19950704

DOCDB simple family (application)
EP 94117060 A 19941028; AT 94117060 T 19941028; AU 7757794 A 19941031; BR 9500288 A 19950124; CA 2141120 A 19950125; CN 94118546 A 19941130; CO 94052225 A 19941116; DE 4403278 A 19940131; DE 59409296 T 19941028; DK 94117060 T 19941028; EG 7395 A 19950129; ES 94117060 T 19941028; GR 20000401525 T 20000629; JP 704695 A 19950120; KR 19950001393 A 19950126; MY PI9403303 A 19941209; PE 25446694 A 19941109; PH 49327 A 19941208; PL 30697395 A 19950127; PT 94117060 T 19941028; RU 95101049 A 19950130; TW 83111144 A 19941130; UA 95018088 A 19950131; US 37819095 A 19950125; ZA 948678 A 19941103