Title (en)

Electrical thin wire connection

Title (de)

Elektrische Kontaktierung von Feinstdrähten

Title (fr)

Connexion électrique de fils mince

Publication

EP 0889544 A3 20000322 (DE)

Application

EP 98109731 A 19980528

Priority

DE 19727973 A 19970702

Abstract (en)

[origin: EP0889544A2] The contact is in the form of a piece of thin sheet material that is folded into an U-shaped section (1) into which the wire (5) is inserted. The wire is clamped into contact with the U-shaped section and is in electrical contact with at least one side of the U-shaped section. The section at the centre (4) has to be separated to insert the wire and when released the spring action maintains good contact with the wire.

IPC 1-7

H01R 4/24; H01R 4/28; H04R 9/04; H04R 9/02; H01R 4/10; H01R 4/12; H01R 43/04; H01R 43/02; H01R 4/02

IPC 8 full level

H01R 4/02 (2006.01); **H01R 4/10** (2006.01); **H01R 4/12** (2006.01); **H01R 4/24** (2006.01); **H01R 4/28** (2006.01); **H01R 4/48** (2006.01); **H01R 43/02** (2006.01); **H01R 43/04** (2006.01); **H04R 9/02** (2006.01); **H04R 9/04** (2006.01)

CPC (source: EP US)

H01R 4/2495 (2013.01 - EP US); **H01R 4/48** (2013.01 - EP US); H01R 4/023 (2013.01 - EP US)

Citation (search report)

- [X] US 2601276 A 19520624 - GORDON HERMAN L
- [XA] US 3355698 A 19671128 - RICHARD KELLER JOSEPH
- [X] EP 0378337 A2 19900718 - MOLEX INC [US]
- [X] US 3736627 A 19730605 - SOSINSKI C
- [A] US 5583944 A 19961210 - MOROHOSHI YUKINORI [JP], et al
- [A] US 4877936 A 19891031 - KOBAYASHI JYUNICHI [JP]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0889544 A2 19990107; **EP 0889544 A3 20000322**; **EP 0889544 B1 20030827**; AT E248445 T1 20030915; DE 19727973 A1 19990107; DE 59809382 D1 20031002; DK 0889544 T3 20040816; US 6210241 B1 20010403

DOCDB simple family (application)

EP 98109731 A 19980528; AT 98109731 T 19980528; DE 19727973 A 19970702; DE 59809382 T 19980528; DK 98109731 T 19980528; US 10577298 A 19980626