

Title (en)

Method for connecting a thin wire with a current conducting contact element and products of this process

Title (de)

Verfahren zum Verbinden eines dünnen Drahtes mit einem stromleitenden Kontaktelement und Produkte dieses Verfahrens

Title (fr)

Procédé de raccordement de fils mince avec un élément de contact conduisant de courant et produits ainsi obtenus

Publication

EP 0967690 A3 20010110 (DE)

Application

EP 99110309 A 19990527

Priority

DE 19828110 A 19980624

Abstract (en)

[origin: EP0967690A2] The wire end (2) is mechanically fixed at the end (7) of the terminal (3) and is under light tension. A current-conducting connection (e.g. soldered joint, weld) is then completed. The terminal is then forced axially into the casing (6), relaxing the tension on the wire. An Independent claim is included for components employing the connecting method. These are a coil, choke and transformer.

IPC 1-7

H01R 13/58; **H01R 4/02**; **H01F 41/10**; **H01F 5/04**

IPC 8 full level

H01F 5/04 (2006.01); **H01F 41/10** (2006.01); **H01R 4/02** (2006.01); **H01R 13/58** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP)

H01R 13/58 (2013.01); **H01R 43/16** (2013.01)

Citation (search report)

- [XA] DE 3148902 A1 19830623 - STANDARD ELEKTRIK LORENZ AG [DE]
- [A] EP 0155573 A1 19850925 - STANDARD ELEKTRIK LORENZ AG [DE]
- [A] US 4745682 A 19880524 - HAYAKAWA TSUYOSHI [JP], et al
- [A] US 4712723 A 19871215 - MOLL HELMUT [DE], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 124 (E - 1183) 30 March 1992 (1992-03-30)

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 0967690 A2 19991229; **EP 0967690 A3 20010110**; **EP 0967690 B1 20030129**; AT E232025 T1 20030215; DE 19828110 A1 20000113; DE 59904137 D1 20030306; ES 2189314 T3 20030701

DOCDB simple family (application)

EP 99110309 A 19990527; AT 99110309 T 19990527; DE 19828110 A 19980624; DE 59904137 T 19990527; ES 99110309 T 19990527