

Title (en)
Maintenance-free push-in phy

Title (de)
Wartungsfreier Kontaktstecker

Title (fr)
Raccordement à fiches ne nécessitant pas d'entretien

Publication
EP 0825682 A3 19990506 (DE)

Application
EP 97114011 A 19970814

Priority
CH 204196 A 19960820

Abstract (en)
[origin: EP0825682A2] The contact plug has a contact pin (11) which can be plugged into a contact socket (12) and has a contact surface (14) with a silver-graphite composite coating. The contact surface is built up of contact layers and has a sliding frictional coefficient of less than 0.35. The pin is mounted in an insulating body (2) with a plasma polymerized guide surface (10).

IPC 1-7
H01R 13/00; **H01R 17/04**; **B61G 5/10**

IPC 8 full level
B61G 5/10 (2006.01); **H01R 13/03** (2006.01); **H01R 13/53** (2006.01)

CPC (source: EP)
B61G 5/10 (2013.01); **H01R 13/03** (2013.01); **H01R 13/53** (2013.01)

Citation (search report)
• [Y] DE 2111922 A1 19720921 - KIND DIETER PROF DR ING
• [Y] DE 4133466 A1 19920507 - FUJI ELECTRIC CO LTD [JP]
• [Y] DE 29501347 U1 19950323 - HTS ELEKTROTECH GMBH & CO KG [DE]
• [A] EP 0430825 A1 19910605 - MERLIN GERIN [FR]
• [A] DE 3247673 A1 19840705 - PFISTERER ELEKTROTECH KARL [DE]
• [A] DE 4223818 C1 19931125 - PFISTERER ELEKTROTECH KARL [DE]

Cited by
DE102016112096A1; CN107565283A; US7638721B2; US7294028B2; US8697247B2; WO2005046000A1; WO2004032166A1; WO2004093256A1

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

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