

Title (en)  
Plug part for a plug connector

Title (de)  
Steckerteil einer Steckverbindung

Title (fr)  
Partie d'une fiche d'un connecteur par enfichage

Publication  
**EP 1471610 A3 20051221 (DE)**

Application  
**EP 04008036 A 20040402**

Priority  
• DE 10318509 A 20030424  
• DE 10356044 A 20031201

Abstract (en)  
[origin: EP1471610A2] The central plastics body (1) of the electrical plug-and-socket connection for electrical and electronic equipment slides into a socket (4) with a clamping spring (11). The spring may engage a conducting sheath (10). The plug body has several bores accommodating contact pins (3) with conductor wire connection clamps (15) at one end. The other ends may fit into individual sockets in the socket assembly.

IPC 1-7  
**H01R 13/658**; **H01R 13/502**; **H01R 9/03**

IPC 8 full level  
**H01R 9/03** (2006.01); **H01R 13/502** (2006.01); **H01R 13/655** (2006.01); **H01R 13/504** (2006.01); **H01R 13/622** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)  
**H01R 13/502** (2013.01); **H01R 13/65912** (2020.08); **H01R 13/5025** (2013.01); **H01R 13/5045** (2013.01); **H01R 13/622** (2013.01); **H01R 2107/00** (2013.01)

Citation (search report)  
• [XY] US 5823803 A 19981020 - MAJORS BRIAN C [US]  
• [XY] US 4593964 A 19860610 - FORNEY JR EDGAR W [US], et al  
• [Y] US 4598959 A 19860708 - SELVIN GERALD J [US]  
• [Y] DE 4307728 A1 19940915 - CONTACT GMBH [DE]  
• [Y] GB 2066591 A 19810708 - BUNKER RAMO  
• [Y] DE 4412173 A1 19941013 - AMPHENOL TUCHEL ELECT [DE]  
• [Y] GB 2284510 A 19950607 - INTERCONNECTRON GMBH [DE]  
• [A] US 5478254 A 19951226 - HOLT DAVID G [GB]  
• [A] US 3275970 A 19660927 - JOHANSON BENGT J, et al

Cited by  
CN106463864A; EP2051340A1; CN110854580A; DE102015212660B4; US7406017B2; US9935386B2; US7976341B2; WO2008061572A3; WO2015172866A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1471610 A2 20041027**; **EP 1471610 A3 20051221**

DOCDB simple family (application)  
**EP 04008036 A 20040402**