

Title (en)

Electrical connector for cable to circuit board application

Title (de)

Elektrischer Verbinder zur Verbindung einer Leiterplatte mit einem Kabel

Title (fr)

Connecteur électrique pour connecter une plaquette à circuits imprimés avec un câble

Publication

EP 0540260 B1 19960717 (EN)

Application

EP 92309721 A 19921023

Priority

GB 9123104 A 19911031

Abstract (en)

[origin: EP0540260A2] An electrical connector (10) for connecting individual conductors (27) of an electrical cable (28) to a printed circuit board (11) comprises electrical terminals (26) and a similarly constructed electrical terminal (50). Each electrical terminal (26) is characterized in that it has an actuator arm (32) having a first leg portion (36) a second leg portion (38) a third leg portion (40) and a joining portion joining the first, second and third leg portions (6, 38, 40). An actuator (22) is positioned in an actuation area (44) between engaging surfaces which causes the electrical terminal (26) to be positioned in a home position in the insulating housing (12) As the actuator (22) is moved further into an actuation area (44) the engaging surfaces move into pinched engagement with the conductor (26) of the cable (28). <IMAGE>

IPC 1-7

H01R 23/68

IPC 8 full level

H01R 24/00 (2006.01); **H01R 12/77** (2011.01); **H01R 12/79** (2011.01); **H01R 12/89** (2011.01); **H01R 12/57** (2011.01)

CPC (source: EP KR)

H01R 9/16 (2013.01 - KR); **H01R 12/774** (2013.01 - EP); **H01R 12/79** (2013.01 - EP); **H01R 12/89** (2013.01 - EP); **H01R 12/57** (2013.01 - EP)

Cited by

EP0849828A3; EP0635909A1; EP2075877A3; CN102576952A; US5730613A; EP0737374A4; US5893775A; CN1071947C; DE10216915A1; GB2286490A; EP0851539A3; US9004933B2; WO9631921A1; WO2012068592A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0540260 A2 19930505; **EP 0540260 A3 19930908**; **EP 0540260 B1 19960717**; DE 69212270 D1 19960822; DE 69212270 T2 19961219; GB 9123104 D0 19911218; JP H06176826 A 19940624; KR 930009165 A 19930522

DOCDB simple family (application)

EP 92309721 A 19921023; DE 69212270 T 19921023; GB 9123104 A 19911031; JP 29332792 A 19921030; KR 920020290 A 19921030