

Title (en)

Connecting a drain wire to an electrical connector shield.

Title (de)

Anschluss eines Erdungsdrahtes an die Abschirmung eines elektrischen Verbinders.

Title (fr)

Connexion de fil de drain avec une blindage d'un connecteur électrique.

Publication

EP 0570893 A1 19931124 (EN)

Application

EP 93108029 A 19930517

Priority

GB 9210648 A 19920519

Abstract (en)

A kit of parts for assembly together about cables (C1,C2) having signal wires (W1,W2) and drain wires (W3) to common the signal wires of one cable to respective signal wires of the other cable and to common the drain wires of the cables; comprises mating housings (2,4) and mating shields (12,14). One housing (4) has terminal pairs (8,10) for commoning the signal wires (W1,W2), one of the shields (14) having terminals (92,94) for commoning the drain wires (W3) to the shields (12,14). The other housing (2) has wire stuffer ribs (20) for driving the respective wires (W1,W2,W3) into the respective terminals (58,60,92,94). The shields (12,14) are latchable together to hold the mated housings (2,4) together. <IMAGE>

IPC 1-7

H01R 23/66; **H01R 13/658**; **H01R 9/07**

IPC 8 full level

H01R 4/24 (2006.01); **H01R 12/10** (2006.01); **H01R 12/24** (2006.01); **H01R 13/648** (2006.01); **H01R 13/658** (2006.01)

CPC (source: EP)

H01R 12/616 (2013.01); **H01R 12/775** (2013.01); **H01R 13/6581** (2013.01)

Citation (search report)

- [A] US 4163598 A 19790807 - BIANCHI EDWARD A [US], et al
- [A] US 4772212 A 19880920 - SOTOLONGO THOMAS J [US]
- [A] GB 2248528 A 19920408 - AMP INC [US]
- [AD] US 3842392 A 19741015 - ALDRIDGE L, et al

Cited by

CN102832510A; EP0675567A3; EP0727849A3; FR2785453A1; DE10031784A1; CN102216193A; AU2009317388B2; US6630625B1; US8640828B2; WO2010057797A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0570893 A1 19931124; **EP 0570893 B1 19960821**; DE 69304133 D1 19960926; DE 69304133 T2 19970102; GB 9210648 D0 19920701; JP H0645009 A 19940218

DOCDB simple family (application)

EP 93108029 A 19930517; DE 69304133 T 19930517; GB 9210648 A 19920519; JP 14005493 A 19930519