

Title (en)

A wire end connection assembly

Title (de)

Kabelend-Verbindungsanordnung

Title (fr)

Dispositif de connexion d'embout de fil

Publication

EP 0777302 B1 20020731 (EN)

Application

EP 96119196 A 19961129

Priority

- JP 33821795 A 19951201
- JP 33821895 A 19951201

Abstract (en)

[origin: EP0777302A1] To facilitate the connection of a wire end with an equipment. A distributor 13 is formed with a tubular receptacle 15, and a male terminal fitting 11 projects in the center of the receptacle 15. A female terminal fitting 12 is connected with an end of a wire 16. Further, a seal member 21 is so mounted as to cover the female terminal fitting 12 and cause it to project along the center axis. At the seal member 21, a guide portion 24 is so formed as to cover the female terminal fitting 12, and its leading end is tapered to form a guide surface 24a. Thus, even if the female terminal fitting 12 is inserted while being displaced from its proper insertion position, the guide surface 24a comes into contact with an opening edge 15a of the receptacle 15, thereby guiding the fitting 12 to the proper insertion position. As a result, the female terminal fitting 12 can be connected with the male terminal fitting 11. <IMAGE>

IPC 1-7

H01R 13/52; **H01R 24/00**; **H01R 13/53**

IPC 8 full level

H01R 13/52 (2006.01); **H01R 13/533** (2006.01); **H01R 13/631** (2006.01); **H01R 13/64** (2006.01); **H01R 24/00** (2006.01); **H01R 4/18** (2006.01); **H01R 11/11** (2006.01); **H01R 13/53** (2006.01)

CPC (source: EP)

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Cited by

EP1024558A3; GB2393045A; GB2393045B; WO2018050980A1; US8927863B2

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EP 0777302 A1 19970604; **EP 0777302 B1 20020731**; CN 1057876 C 20001025; CN 1158506 A 19970903; DE 69622668 D1 20020905; DE 69622668 T2 20030313

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