

Title (en)

Compositions and methods for fabricating solvent resistant connectors.

Title (de)

Zusammensetzungen und Verfahren zur Herstellung von Lösungsmittelbeständigen Verbindern.

Title (fr)

Compositions et procédés pour fabriquer des connecteurs résistants à des solvants.

Publication

EP 0461641 A2 19911218 (EN)

Application

EP 91109659 A 19910612

Priority

US 53834690 A 19900613

Abstract (en)

Compositions useful for fabricating grommets (36,116) of both the plug (30) and the receptacle inserts of a connector (10,100) resistant to solvents having a Shore A hardness of about 50 - 60 and about 65 - 75, respectively, comprises a mixture of halogenated (e.g. chlorinated) polyolefins and/or olefins, an activator, a release agent, a plasticizer, preferably a vulcanizer, preferably a cross-linking agent, optionally a filler, preferably a colorant or optionally a whitener. In addition, compositions useful for fabricating the socket (112) of the receptacle insert (108) of the connector resistant to solvents and with a Shore A hardness of about 65 - 75 comprises a mixture of halogenated (e.g. tetrafluoroethylene/propylene) olefins and/or olefins, an accelerator, a vulcanizer, a release agent, a processing aid agent, preferably a filler, preferably a colorant or optionally a whitener. Connectors are resistant to solvents commonly used in military and commercial aircraft operation when their grommets and sockets are fabricated from compositions as described above. <IMAGE> <IMAGE>

IPC 1-7

H01B 3/28; **H01R 13/533**

IPC 8 full level

H01B 3/28 (2006.01); **H01R 13/46** (2006.01); **H01R 13/533** (2006.01); **H01R 43/00** (2006.01); **H01R 13/504** (2006.01)

CPC (source: EP)

H01B 3/28 (2013.01); **H01R 13/533** (2013.01); **H01R 13/504** (2013.01)

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0461641 A2 19911218; **EP 0461641 A3 19940209**; JP H0722143 A 19950124

DOCDB simple family (application)

EP 91109659 A 19910612; JP 14190591 A 19910613