

Publication

EP 0461641 A3 19940209

Application

EP 91109659 A 19910612

Priority

US 53834690 A 19900613

Abstract (en)

[origin: EP0461641A2] 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

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

IPC 8 full level

H01R 13/46 (2006.01); **H01B 3/28** (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)

Citation (search report)

- [A] EP 0170936 A2 19860212 - FELDMUEHLE AG [DE]
- [A] EP 0342809 A2 19891123 - MINNESOTA MINING & MFG [US]
- [AD] US 3808580 A 19740430 - JOHNSON L
- [A] DATABASE WPI Week 8520, Derwent Publications Ltd., London, GB; AN 85-119691 & JP-A-60 060 144 (NIPPON SYNTH CHEM)
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 192 (E-753)1989 & JP-A-10 14 808 (HITACHI)

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