

Title (en)

ELECTRICAL CRIMP CONNECTION WITH ANAEROBIC SETTING SEALANT

Publication

EP 0070639 B1 19860226 (EN)

Application

EP 82303481 A 19820702

Priority

US 28455581 A 19810720

Abstract (en)

[origin: EP0070639A1] A tin plated, bronze terminal 30 has an open wire barrel 36 of unique design which is attached to the end of a stranded copper wire conductor 12. An anaerobically setting material, such as Loctite AV, is applied to the end 18 of the stranded wire conductor 14 and the open wire barrel 36 is then tightly crimped around the end producing an electrical interface inside the crimped wire barrel. The anaerobically setting material is retained inside the crimped wire barrel in a substantially air-free environment where the anaerobically setting material cures to provide an air tight seal for the electrical interface.

IPC 1-7

H01R 4/18

IPC 8 full level

H01R 4/18 (2006.01); **H01R 4/04** (2006.01); **H01R 13/52** (2006.01); **H01R 43/04** (2006.01)

CPC (source: EP)

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Cited by

DE4237900B4; FR2928039A1; EP1030403A3; DE19929004A1; US5532433A; DE4117016A1; DE19727314A1; DE19727314B4; DE4237900A1; CN102144336A; EP2323225A4; EP4024617A1; US8333624B2; WO2015014498A1

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