

Title (en)
Sealed electrical connector.

Title (de)
Abgedichteter elektrischer Steckverbinder.

Title (fr)
Connecteur électrique scellé.

Publication
EP 0424892 B1 19950614 (EN)

Application
EP 90120342 A 19901023

Priority
• GB 8923856 A 19891024
• GB 8923859 A 19891024

Abstract (en)
[origin: EP0424892A1] An electrical connector includes an outer shell (400) which is profiled to receive a pin housing (450) therein. The pin housing (450) has mounted therein a plurality of pins (622). The interior of the housing shell (400) is sealed by placing a grommet(624) over the end of a wire (626) and placing the terminal (622), the grommet (624) and wire (626) into the rear of the connector shell (400). To prevent the ingress of water into the shell (400), the grommet (624) includes at its exterior end, an elongate collar (624b) which, if the wire is pulled, will compress. This prevents the exterior ribs from pulling away from the aperture allowing the ingress of water.

IPC 1-7
H01R 13/52

IPC 8 full level
H01R 13/52 (2006.01)

CPC (source: EP)
H01R 13/5205 (2013.01)

Citation (examination)
EP 0292118 A1 19881123 - AMP INC [US]

Cited by
US5386356A; EP0574862A3; EP0701300A3; US5824962A; EP0553872A1; US5351973A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0424892 A1 19910502; EP 0424892 B1 19950614; DE 69020097 D1 19950720; DE 69020097 T2 19950928

DOCDB simple family (application)
EP 90120342 A 19901023; DE 69020097 T 19901023