

Title (en)
DETACHABLE SEALED MULTICONTACT ELECTRICAL CONNECTOR

Publication
EP 0208778 B1 19891102 (EN)

Application
EP 86901223 A 19860130

Priority
US 69628685 A 19850130

Abstract (en)
[origin: WO8604744A1] Multicontact detachable sealed electrical connector (2) having two connector halves (4, 6) receiving male (10) and female (12) terminals therein is used to establish a sealed interconnection between conductors (8, 14) in one or more circuits. Conductors (8, 14) in separate circuits are separately sealed, and sealing integrity can be maintained even though less than all of the circuits are interconnected. Terminals (10, 12) are received within cavities (40, 70) in the housing (20, 50) and one housing (50) has a plurality of tubular protuberances (80) defining a cavity extension. Inner seals (62) are positioned around these protuberances and are deflected when partially received within the cavity (40) in the other housing (20) to maintain separate sealing integrity at the interface between the two connectors (4, 6).

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