

Title (en)  
ELECTRICAL CONNECTORS.

Title (de)  
ELEKTRISCHE STECKVERBINDER.

Title (fr)  
CONNECTEURS ELECTRIQUES.

Publication  
**EP 0428515 B1 19941012**

Application  
**EP 89904155 A 19890309**

Priority  
• GB 8805601 A 19880309  
• GB 8900234 W 19890309

Abstract (en)  
[origin: WO8908934A1] An electrical connector suitable for supply of power to electrical equipment which is installed and used underwater comprises a housing (1) filled with a liquid and accommodating an enclosure (2) also containing a liquid and at least one electrical contact (12). A pin of a plug is inserted through a valve (4) and into the enclosure (2) via a conduit (3) to provide an electrical connection with the electrical contact (12). Upon insertion of the plug, a push rod (19) actuates a valve (17) to evacuate substantially all of the liquid in the enclosure (2) into a gas-filled chamber (16) and the gas in the chamber (16) is displaced into the enclosure (2), such that the electrical connection within the enclosure (2) operates in a substantially liquid-free atmosphere.

IPC 1-7  
**H01R 13/523; E21B 33/038**

IPC 8 full level  
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