

Title (en)  
REPLACEABLE CORROSION SEAL FOR THREADED CONNECTIONS

Title (de)  
AUSTAUSCHBARE KORROSIONSDICHTUNG FÜR GEWINDEVERBINDUNGEN

Title (fr)  
JOINT ANTI-CORROSION INTERCHANGEABLE POUR CONNEXION FILETEE

Publication  
**EP 1377772 A4 20041013 (EN)**

Application  
**EP 02707511 A 20020118**

Priority  
• US 0201380 W 20020118  
• US 26280901 P 20010120

Abstract (en)  
[origin: WO02068854A1] The threaded connection (10) between the pin (50) and the box (30) ends of two pipes (15,20) is sealed externally and internally to protect the threads (40,55) in the connection from exposure to corrosive fluids. Seals (60,65) are provided at each axial end of the threads. External seals are formed by metal-to-metal engagement between the pin and box and a third metal body secured circumferentially about the pin. The metal body (90) may be fashioned into a desired annular pin seal surface to mate with and seal with the box at full makeup of the connection. The metal body can be removed and replaced as required to repair or reconstructed the pin seal surface.

IPC 1-7  
**F16L 25/00**

IPC 8 full level  
**F16L 58/18** (2006.01)

CPC (source: EP)  
**F16L 58/182** (2013.01)

Citation (search report)  
• [XY] US 1590357 A 19260629 - FEISTHAMEL FREDERICK L  
• [X] DE 3542523 C1 19870716 - BENTELER WERKE AG  
• [Y] US 2308066 A 19430112 - SETH EVANS  
• [Y] US 2539056 A 19510123 - BROWN ROBINSON W  
• [Y] GB 1223170 A 19710224 - OEMV AG [AT]  
• See references of WO 02068854A1

Designated contracting state (EPC)  
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