

Title (en)  
Electrical connector.

Title (de)  
Elektrischer Steckverbinder.

Title (fr)  
Connecteur électrique.

Publication  
**EP 0493375 A2 19920701 (EN)**

Application  
**EP 92105421 A 19870623**

Priority  
• EP 87305575 A 19870623  
• GB 8615272 A 19860623  
• GB 8626901 A 19861111

Abstract (en)  
An underwater electrical connector comprises male and female parts (1,2) which are brought together to make an electrical connection. The female part (1) includes outer, intermediate and inner closed chambers (28,29,30) containing electrically insulating fluid media, the intermediate chamber (29) being located within the outer chamber (28), and the inner chamber (30) being located within the intermediate chamber (29). An electrically insulating shuttle piston (46) extends through a contact socket (23) disposed in the inner chamber (30) and through respective aligned openings (40,41,42) of the inner chambers. The shuttle piston (46) is arranged to be urged back by a contact pin (3) of the male part of the connector during insertion thereof such that the contact pin is received and directly engaged by the contact socket (23) in the inner chamber (30) to effect the electrical connection. <IMAGE>

IPC 1-7  
**H01R 13/523**

IPC 8 full level  
**H01R 13/523** (2006.01)

CPC (source: EP)  
**H01R 13/523** (2013.01)

Cited by  
NO337206B1; CN104752890A; CN102906944A; GB2330702A; EP0902505A3; GB2429587A; GB2429587B; US7500859B2; US7566045B2; US6200152B1; GB2458035A; FR2863113A1; GB2458035B; EA016097B1; WO9622617A1; WO2006070078A1; US7731515B2; WO2008051788A1

Designated contracting state (EPC)  
FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0493375 A2 19920701; EP 0493375 A3 19920826; EP 0493375 B1 20000419;** GB 8615272 D0 19860730; GB 8626901 D0 19861210

DOCDB simple family (application)  
**EP 92105421 A 19870623;** GB 8615272 A 19860623; GB 8626901 A 19861111