

Title (en)  
UNDERWATER ELECTRICAL CONNECTOR

Title (de)  
ELEKTRISCHER UNTERWASSERVERBINDER

Title (fr)  
CONNECTEUR ÉLECTRIQUE SOUS-MARIN

Publication  
**EP 3224910 B1 20181219 (EN)**

Application  
**EP 15825815 A 20151125**

Priority  
• IT TO20140970 A 20141125  
• IB 2015059121 W 20151125

Abstract (en)  
[origin: WO2016084015A1] The connector (10) comprises a male part (12) having a first electrical contact element (16) arranged to be mechanically and electrically connected to a first conductor length, and a female part (14) having a second electrical contact element (18) arranged to be mechanically and electrically connected to a second conductor length. The female part (14) has a seat (78) which extends along an axial direction (x) and is arranged to receive the male part (12) in a connection position such that the first electrical contact element (16) is in contact with the second electrical contact element (18). The female part (14) further comprises a first tubular body (72) of electrically conductive material which is electrically connected to the second electrical contact element (18) and extends around the seat (78), coaxially thereto, for such a length that in the connection position the male part (12) is wholly located inside the volume enclosed by the first tubular body (72).

IPC 8 full level  
**H01R 13/523** (2006.01); **E21B 33/038** (2006.01); **H01B 9/06** (2006.01); **H01R 13/533** (2006.01)

CPC (source: EP)  
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