

Title (en)

Subsea female electrical connector and method of connecting a subsea female connector

Title (de)

Elektrischer weiblicher Unterwasser-Steckverbinder und Verfahren zur Verbindung eines elektrischen weiblichen Unterwasser-Steckverbinders

Title (fr)

Connecteur électrique femelle sous-marin et méthode de connexion d'un connecteur électrique femelle sous-marin

Publication

EP 2822104 A1 20150107 (EN)

Application

EP 13175336 A 20130705

Priority

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Abstract (en)

The present disclosure relates a subsea female electrical connector (1). The subsea female electrical connector (1) comprises a housing (3) forming a chamber (7), a socket (9) arranged in the chamber (7) and adapted to receive a male conductor rod, a dielectric fluid (11) contained in the chamber (7), and a male connector interface (5). The male connector interface (5) comprises a fluid blocking member (5a), and the male connector interface (5) has a channel (5d) adapted to receive the male conductor rod and guide the male conductor rod into the chamber (7). The fluid blocking member (5a) has a single continuous surface blocking the channel (5d) to thereby prevent fluid from flowing out from and into the chamber (7) through the channel (5d). A subsea connector is also presented herein.

IPC 8 full level

H01R 13/523 (2006.01); **H01R 43/26** (2006.01); **H01R 13/453** (2006.01)

CPC (source: EP)

H01R 13/523 (2013.01); **H01R 43/26** (2013.01); **H01R 13/453** (2013.01); **H01R 13/5216** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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