

Title (en)
UNDERWATER CONNECTION INSTALLATION

Title (de)
UNTERWASSER-VERBINDUNGSINSTALLATION

Title (fr)
INSTALLATION DE CONNEXION SOUS-MARINE

Publication
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Application
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Abstract (en)
[origin: WO2009112687A1] The invention relates to an underwater connection installation (26) and to a laying method for connecting a riser and a flexible pipe (22) that are intended for carrying hydrocarbons. It comprises a bracket (28) attached to a float (20) to suspend the said riser (12). The said bracket (28) comprises a gooseneck pipe (54) that has a bent-over outlet free end (58) ending in a first coupling (60). The said installation further comprises a coupling end piece (32) mounted on the said flexible pipe (22) and comprising a second coupling (86). According to the invention, the said coupling end piece (32) and the said bracket (28) comprise mechanical guide means involving complementary frustoconical rings (64, 84), the driving of the said coupling end piece (32) and of the said bent-over free end (58) causing the said frustoconical rings (64, 84) to engage with one another and to bring about coaxial alignment of the said couplings (60, 86).

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