

Title (en)
BOTTOM-SURFACE CONNECTION INSTALLATION COMPRISING AN ELASTIC DAMPING DEVICE TAKING THE TENSION OF THE TOP END OF A RIGID SUBSURFACE DUCT

Title (de)
UNTERTEIL-OBERFLÄCHEN-VERBINDUNGSINSTALLATION MIT EINER ELASTISCHEN DÄMPFUNGSVORRICHTUNG ZUR AUFNAHME DER SPANNUNG DES OBEREN ENDES EINER UNTER DER OBERFLÄCHE BEFINDLICHEN FESTEN LEITUNG

Title (fr)
INSTALLATION DE LIAISON FOND-SURFACE COMPRENANT UN DISPOSITIF ELASTIQUE D'AMORTISSEMENT REPRENANT LA TENSION DE L'EXTREMITÉ SUPERIEURE D'UNE CONDUITE RIGIDE EN SUBSURFACE

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Abstract (en)
[origin: WO2008152288A2] The present invention relates to a bottom-surface connection installation of a submarine duct resting on the sea bottom comprising a rigid duct (1) rising from the sea bottom where it rests, up to the subsurface where its top end (11) is connected to a floating support (10), characterized in that the said top end (11) of the rigid duct is connected to the said floating support by: (1) a flexible duct (2) capable of allowing the transfer of the fluid transported by the said rigid duct (1) to the floating support, and (2) a flexible link comprising at least one elastic damping device (4) in order to provide the connection between the top end of the riser and a coupling point (5, 41c) on the said floating support, the said elastic damping device (4) taking the tension of the said rigid duct at its top end, and allowing the distance between the top end of the rigid duct and the floating support to vary in a controlled manner.

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