

Title (en)  
INITIATION OF LIGHTWEIGHT FLEXIBLE PIPELINES AND UMBILICALS

Title (de)  
EINSETZEN VON LEICHTGEWICHTIGEN FLEXIBLEN ROHRLEITUNGEN UND UMBILICALS VERSORGUNGSLEITUNGEN

Title (fr)  
MISE EN CHANTIER DE PIPELINES ET OMBILICAUX SOUPLES LÉGERS

Publication  
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Application  
**EP 12737732 A 20120629**

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Abstract (en)  
[origin: GB2492414A] The invention relates to the initiation of laying of an elongate flexible riser / pipeline 10 on the sea bed 16, wherein a termination head 12 is provided at an end of the pipeline, the termination head connected in turn to an anchor 14, wherein a sag bend curvature 24 is imparted to the pipeline by adding weight 30 locally to the pipeline at a sag bend region, wherein the termination head and portion of adjoining pipeline 26 are oriented towards the horizontal while above the seabed. Ideally, an installation vessel 28 applies tension to the riser / pipeline during the start of the laying process, which coupled with the addition of ballasts, causes the end region of the pipeline to curve towards the horizontal, parallel to the sea floor. The weights may take the form of individual ballast modules 30, or a thickened, possibly denser, region of the pipe end itself. Other independent claims relate to different stages of the initial pipe laying process.

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