

Title (en)  
INSTALLATION COMPRISING AT LEAST TWO SEAFLOOR-SURFACE CONNECTORS FOR AT LEAST TWO SUBMARINE PIPELINES RESTING ON THE SEAFLOOR

Title (de)  
ANLAGE MIT MINDESTENS ZWEI MEERESBODENFLÄCHENSTECKERN FÜR MINDESTENS ZWEI AUF DEM MEERESBODEN LIEGENDE UNTERWASSERPIPELINES

Title (fr)  
INSTALLATION COMPRENANT AU MOINS DEUX LIAISONS FOND-SURFACE D'AU MOINS DEUX CONDUITES SOUS-MARINES REPOSANT AU FOND DE LA MER.

Publication  
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Application  
**EP 06794362 A 20060825**

Priority  
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Abstract (en)  
[origin: WO2007023233A1] The invention relates to an installation comprising seafloor-surface connectors for at least two submarine pipelines (10a, 10b) resting on the seafloor. The inventive installation includes a first hybrid tower comprising: a) a vertical riser (1a) which is anchored (3a) to a first base and which is connected to a submarine pipeline (10a) that is resting on the seafloor, the upper end of said riser being connected to a first subsurface float (2a); and b) a first preferably-flexible connecting line (4a) which provides a link between a floating support (11) and the upper end of the riser. The inventive installation also includes a second rigid line (1b) which extends from the seafloor up to the subsurface, whereat the upper end of the rigid line is connected to a second float (2b) which is located essentially at the same depth as the first float (2a) and which is fixed to said first float at a respective second flexible connecting line (4b), thereby connecting same to one floating support (11).

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CPC (source: BR EP US)  
**E21B 17/015** (2013.01 - BR EP US); **E21B 43/0107** (2013.01 - BR EP US)

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