

Title (en)  
A SHALLOW WATER SYSTEM

Title (de)  
FLACHWASSERSYSTEM

Title (fr)  
SYSTÈME EN EAUX PEU PROFONDES

Publication  
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Application  
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Abstract (en)  
[origin: WO2011072687A1] The invention relates to a shallow water system comprising a floating weathervaning vessel (3) with a topside hang-off structure, a subsea structure and at least one flexible transporting unit (2) extending from the topside hang-off structure to the subsea structure (1). The weathervaning vessel (3) has a bow with a lowermost bow midpoint. The weathervaning vessel is moored such that at still water it can weathervane around a weathervaning vertical centre line, such that the position of the lowermost bow midpoint follows an annular lowermost bow line which defines a vertical tube shaped border to a lowermost bow midpoint exclusion zone (LE-zone). The subsea structure (1) is arranged in said LE-zone. The weathervaning vertical centre line (9) is preferably the nominal weathervaning vertical centre line. The weathervaning vessel (3) is generally a line moored weathervaning vessel. The shallow water system of the invention provides a simple system for design with a high safety against damaging of flexible transporting unit (2). The shallow water system is in particular beneficial for use at very shallow water.

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Citation (search report)  
• [X] US 2004028477 A1 20040212 - KELM RON L [US], et al  
• [X] US 4299260 A 19811110 - JANSEN MARTIN B  
• [A] US 2005095068 A1 20050505 - WILLE HEIN [FR], et al  
• [A] WO 9807616 A1 19980226 - MCDERMOTT SA J RAY [US], et al  
• See references of WO 2011072687A1

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