

(19)



Europäisches Patentamt

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(11)

**EP 0 908 382 A3**

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
**11.08.1999 Bulletin 1999/32**

(51) Int Cl.<sup>6</sup>: **B63B 35/44, B63B 9/06**

(43) Date of publication A2:  
**14.04.1999 Bulletin 1999/15**

(21) Application number: **98307473.3**

(22) Date of filing: **15.09.1998**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE**  
Designated Extension States:  
**AL LT LV MK RO SI**

(30) Priority: **16.09.1997 US 931461**

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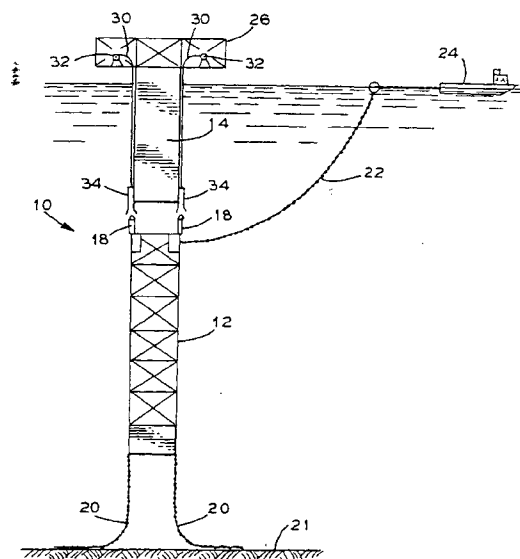
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### (54) Methods of assembling floating offshore structures

(57) An assembly method involves mating the top-sides (26) on a floating offshore structure such as a spar hull (10), joining components of the spar hull (10), and/or a combination or variation of these procedures. Generally, the installation is carried out as follows. Once at the mating site, the spar hull component (12) is upended, outfitted with controls and hardware (20) necessary to effectuate controlled submergence of the spar hull component, and submerged to a predetermined depth below the water surface to have a zero water plane area. The second component (26) to be mated with the top of the spar hull component (12) is positioned to float above the submerged spar hull component (12). The draft of the submerged spar hull component (12) is decreased until the two components (12, 26) are fully engaged.

FIG. 4



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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                      |                                                         |                                              |
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| Place of search<br><b>THE HAGUE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                         | Date of completion of the search<br><b>23 June 1999</b> | Examiner<br><b>Häusler, F.U.</b>             |
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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