

Title (en)
Deep Water Offshore Apparatus Assembly Method

Title (de)
Montageverfahren für eine Tiefsee-Offshore-Vorrichtung

Title (fr)
Procédé d'assemblage d'une plate-forme de haute mer

Publication
EP 2364909 B1 20181107 (EN)

Application
EP 11157703 A 20110310

Priority
US 72168110 A 20100311

Abstract (en)
[origin: EP2364909A2] A truss type spar (10) that eliminates the need for the more complex and critical attachment of the buoyant hull to the truss section at a fabrication site/yard that is remote from the fabrication yard where the buoyant hull and truss sections were originally built. The buoyant hull (12) and initial truss sections (14) are constructed at the fabrication yard of choice, joined together, and transported to a dock or fabrication yard (a second location) that is as close as possible to the final offshore installation site. Transport of such completed structures, either separately or together, is normally done on a heavy lift vessel to reduce transport time and prevent damage to the buoyant hull and truss sections. Once at the fabrication yard/dock, the joined buoyant hull (12) and initial truss section (14) are floated off the heavy lift vessel and the draft adjusted to a position suitable for joining additional truss sections. One or more additional truss sections (16,18) can be attached to the initial section, and the completed buoyant hull and truss is then towed to the final offshore installation site.

IPC 8 full level
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CPC (source: EP US)
B63B 1/048 (2013.01 - EP US); **B63B 35/4406** (2013.01 - EP US); **B63B 75/00** (2020.01 - EP US); **B63B 35/003** (2013.01 - EP US); **B63B 2001/044** (2013.01 - EP US); **B63B 2035/442** (2013.01 - EP US); **B63B 2039/067** (2013.01 - EP US)

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