

Title (en)

DRY TREE SEMI-SUBMERSIBLE PLATFORM FOR HARSH ENVIRONMENT AND ULTRA DEEPWATER APPLICATIONS

Title (de)

HALB TAUCHFÄHIGE TROCKENBAUM-PLATTFORM FÜR UNWIRTLICHE UMGEBUNGEN UND TIEFSEE-ANWENDUNGEN

Title (fr)

PLATE-FORME SEMI-SUBMERSIBLE AVEC TÊTE DE PRODUCTION AU SEC POUR APPLICATIONS EN ENVIRONNEMENTS DIFFICILES ET EN EAUX ULTRA-PROFONDES

Publication

EP 2408662 A1 20120125 (EN)

Application

EP 09840532 A 20090222

Priority

- US 2009034808 W 20090222
- US 37888809 A 20090219

Abstract (en)

[origin: WO2010096060A1] Column-stabilized floating offshore platform structures (10) having spaced apart buoyant main vertical columns (11) joined at lower ends by horizontal lower truss members (13) in a pin connection and joined at upper ends by a buoyant deck mount structure (14), and/or by horizontal truss members, to form a moment connection. A buoyant keel tank (15) having a central moon pool (15A) can be retracted and extended relative to the main columns between a retracted transport mode and an extended operating mode. Ballast of the columns and keel tank can be adjusted to raise or lower the center of gravity of the structure with respect to its center of buoyancy to stabilize the structure and compensate for variable or fixed loads, deck pay loads, environmental conditions, and operational and installation stages. A three-sided deck mount allows on-site float-over deck installation.

IPC 8 full level

B63B 35/44 (2006.01); **E02D 23/02** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2010096060A1

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