

Title (en)

RISER PIPE SUPPORT SYSTEM AND METHOD

Title (de)

STEIGROHRSTÜTZSYSTEM UND -VERFAHREN

Title (fr)

SYSTEME PORTEUR DE COLONNES DE MONTE ET PROCEDE ASSOCIE

Publication

EP 1597141 A2 20051123 (EN)

Application

EP 04715646 A 20040227

Priority

- US 2004005892 W 20040227
- US 45138003 P 20030228

Abstract (en)

[origin: WO2004077951A2] A system and method for mating risers or umbilicals extending vertically or near vertically from the ocean floor to a floating offshore system such as a TLP or semisubmersible platform. The risers or umbilicals are suspended vertically above the vessel's keel and are supported laterally near the platform's keel by keel guides or riser receptacles positioned along the submerged perimeter of the vessel's hull, or within the hull by production riser slots disposed in the bottom of the hull. The keel guides or production riser slots each receive a keel joint assembly which laterally supports a riser or umbilical passing therein while providing a bearing surface for free vertical movement of the riser.

IPC 1-7

B63B 21/24

IPC 8 full level

E21B 19/00 (2006.01); **B63B 21/50** (2006.01)

CPC (source: EP KR US)

E21B 19/004 (2013.01 - EP US); **E21B 43/00** (2013.01 - KR); **E21B 43/01** (2013.01 - KR); **B63B 1/107** (2013.01 - EP US); **B63B 21/502** (2013.01 - EP US); **B63B 2001/128** (2013.01 - EP US)

Citation (search report)

See references of WO 2004077951A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004077951 A2 20040916; **WO 2004077951 A3 20050616**; **WO 2004077951 B1 20050804**; AU 2004218479 A1 20040916; BR PI0408048 A 20060214; CA 2517365 A1 20040916; CN 1777532 A 20060524; EP 1597141 A2 20051123; JP 2006519137 A 20060824; KR 20050109516 A 20051121; US 2004182297 A1 20040923

DOCDB simple family (application)

US 2004005892 W 20040227; AU 2004218479 A 20040227; BR PI0408048 A 20040227; CA 2517365 A 20040227; CN 200480011027 A 20040227; EP 04715646 A 20040227; JP 2006508876 A 20040227; KR 20057016124 A 20050829; US 78877104 A 20040227