Title (en)

Method for installing an off-shore structure

Title (de)

Verfahren zur Installation einer Off-Shore-Struktur

Title (fr)

Procédé d'installation d'une structure off-shore en mer

Publication

EP 2014546 A1 20090114 (EN)

Application

EP 07112184 A 20070710

Priority

EP 07112184 A 20070710

Abstract (en)

An off-shore structure is installed in a body of water. The body of water extends above a floor, such as a seabed, and has a water surface. A buoyant pontoon and a top structure are provided separately from each other. The top structure has a deck, a plurality of legs that are connected to the deck, and a jacking system for displacing the legs relative to the deck. The pontoon is submerged below the water surface. The submerged pontoon is connected to the floor with tendons. The top structure is aligned above the submerged pontoon connected to the floor. Then, the legs are jacked-down relative to the deck until the legs abut against the submerged pontoon connected to the floor. Subsequently, the jacked-down legs are attached to the submerged pontoon and the deck is jacked-up relative to the pontoon until the deck is standing above the water surface. A number of risers are installed for providing a fluid communication between the floor and the deck after jacking up the deck above the water surface.

IPC 8 full level

B63B 9/06 (2006.01); **B63B 21/50** (2006.01)

CPC (source: EP US)

B63B 21/50 (2013.01 - EP US); **B63B 21/502** (2013.01 - EP US); **B63B 77/00** (2020.01 - EP US); B63B 2001/044 (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

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

Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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