

Title (en)
Method for constructing an offshore structure

Title (de)
Verfahren zur Errichtung eines Offshore-Bauwerks

Title (fr)
Procédé de réalisation d'un ouvrage offshore

Publication
EP 2743404 A1 20140618 (DE)

Application
EP 13195589 A 20131204

Priority
• DE 102012024565 A 20121217
• DE 102012025120 A 20121221

Abstract (en)
The method involves attaching a jacket comprising four supporting legs (2a-2d) which are anchored in the foundation piles, to a subsoil. The jacket is issued on the foundation piles under load transfer in the subsoil. The supporting legs are set with a curable casting compound in the foundation piles. The jacket is leveled before and/or balanced during the casting. The load transfer in the subsoil is carried out for relieving a fourth supporting leg before curing the grout. An independent claim is included for a jacket foundation of an offshore structure.

Abstract (de)
Die Erfindung betrifft ein Verfahren zur Errichtung eines Offshore-Bauwerks in Form eines Jacket-Fundaments. Das Jacket (1) umfasst vier Stützbeine (2a, 2b, 2c, 2d), die an in den Meeresuntergrund (4) angebrachten Gründungspfählen (3) verankert werden. Die Stützbeine (2a, 2b, 2c, 2d) werden in den Gründungspfählen (3) vergROUTet, wobei das Jacket (1) vor und/oder während der VergROUTung so ausbalanciert wird, dass der Lastabtrag über nur drei Stützbeine (2b, 2c, 2d) erfolgt.

IPC 8 full level
E02D 27/42 (2006.01)

CPC (source: EP)
E02B 17/027 (2013.01); **E02D 27/425** (2013.01); **E02B 2017/006** (2013.01); **E02B 2017/0073** (2013.01); **E02B 2017/0091** (2013.01)

Citation (search report)
[A] DE 202011101599 U1 20110923 - REALES BERTOMEIO EMILIO [DE]

Cited by
CN104060625A; CN105064395A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2743404 A1 20140618; **EP 2743404 B1 20150311**; DE 102012025120 A1 20140703

DOCDB simple family (application)
EP 13195589 A 20131204; DE 102012025120 A 20121221