

Title (en)

Method for the construction of an offshore structure and foundation for an offshore structure

Title (de)

Verfahren zur Gründung eines Offshore-Bauwerks sowie Fundament für ein Offshore-Bauwerk

Title (fr)

Procédé de fondation d'un ouvrage offshore et fondation pour un ouvrage offshore

Publication

EP 2698476 B1 20150812 (DE)

Application

EP 13172594 A 20130619

Priority

DE 102012016092 A 20120814

Abstract (en)

[origin: EP2698476A1] The method involves fixing a part of an anchorage structure within a foundation pile (2) into a sea substrate (3) under load erosion. The part of the structure is cast within the foundation pile using a curable mass. The foundation pile is provided up to a predetermined level with a load-bearing, leveling filling (4) i.e. self compacting, flowable concrete, before the insertion of the structure. The structure is settled on the filling into the sea substrate and/or into the pile under the load erosion. Casting material (8) is introduced after settling of the structure on the filling. The part of the anchorage structure is a supporting leg. The foundation pile is designed as a steel tube. An independent claim is also included for a foundation for an off-shore building.

IPC 8 full level

E02B 15/04 (2006.01); **E02D 27/42** (2006.01)

CPC (source: EP)

E02D 27/42 (2013.01); **E02D 27/425** (2013.01); **E02B 2017/0073** (2013.01)

Cited by

CN105369821A; US2020173133A1; US11008727B2; GB2609841A; GB2609841B; US2015218796A1; US9663939B2; CN111479966A; WO2020160857A1; WO2019073060A3; EP3207186B1; WO2022037707A1

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