

Title (en)
METHOD OF ASSEMBLING AN OFFSHORE WIND TURBINE.

Title (de)
VERFAHREN ZUR MONTAGE EINER OFFSHORE-WINDTURBINE.

Title (fr)
PROCÉDÉ D'ASSEMBLAGE D'UNE ÉOLIENNE OFF SHORE.

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Application
EP 20733338 A 20200430

Priority
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• EP 2020062118 W 20200430

Abstract (en)
[origin: EP3767035A1] Method for assembling an offshore wind turbine (1), wherein the wind turbine (1) comprises a tower foundation (2) with at least one hollow ballast chamber (24, 25), wherein the method comprises the following steps:- assembling the tower foundation (2) on a dry dock-like construction site (6), wherein the construction site (6) is located below the sea level (8) and separated from the sea (7) by a barrier (9),- launching the tower foundation (2) to the sea (7) by, at least partially, removing or opening the barrier (9) and/or filling water into the construction site (6) leading to a flooding of the construction site (6),- towing the swimming tower foundation (2) to a target position (26) on the sea (7) by a vessel (27),- loading the at least one ballast chamber (24, 25) of the tower foundation (2) with ballast material (24, 25) causing the tower foundation (2) to sink down until it permanently rests on the sea ground (31), and- installing a tower (3) of the wind turbine (1) on the tower foundation (2).

IPC 8 full level
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