

Title (en)  
FOUNDATION FOR AN OFFSHORE WIND TURBINE GENERATOR AND METHOD OF CONSTRUCTING AND INSTALLING THE FOUNDATION

Title (de)  
FUNDAMENT FÜR EINE OFFSHORE-WINDENERGIEANLAGE UND VERFAHREN FÜR DEN BAU UND DIE INSTALLATION DES FUNDAMENTS

Title (fr)  
FONDATION POUR GÉNÉRATEUR ÉOLIEN EN MER, ET PROCÉDÉ DE CONSTRUCTION ET DE MISE EN PLACE DE CETTE FONDATION

Publication  
**EP 2324240 A1 20110525 (EN)**

Application  
**EP 09806896 A 20090812**

Priority  
• NO 2009000285 W 20090812  
• NO 20083537 A 20080814

Abstract (en)  
[origin: WO2010019050A1] Foundation (1) for an offshore wind turbine generator, preferably for sea depth above (45) metre, and a method of constructing and installing the foundation (1). The foundation (1) in the construction, transport and installation phases is a self floating and stabile construction of reinforced concrete comprising: - a foundation structure (5), - a hollow, substantially conical tower structure (15) ()arranged on the foundation structure (5) and having a lower external diameter less than the smallest transversal dimension of the foundation structure, since the diameter of the tower structure gradually decreases upwards toward the upper portion (20) of the tower structure.

IPC 8 full level  
**F03D 1/00** (2006.01); **E02B 17/02** (2006.01); **E02D 27/42** (2006.01); **E02D 27/52** (2006.01); **F03D 11/04** (2006.01)

CPC (source: EP)  
**E02B 17/025** (2013.01); **E02B 17/027** (2013.01); **E02D 27/42** (2013.01); **E02D 27/425** (2013.01); **E02D 27/52** (2013.01); **F03D 13/22** (2023.08); **E02B 2017/0047** (2013.01); **E02B 2017/0065** (2013.01); **E02B 2017/0082** (2013.01); **E02B 2017/0091** (2013.01); **Y02E 10/72** (2013.01); **Y02E 10/728** (2013.01)

Designated contracting state (EPC)  
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 SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010019050 A1 20100218**; EP 2324240 A1 20110525; EP 2324240 A4 20120425; NO 20083537 L 20100215; NO 329946 B1 20110131; NO 329946 B2 20110131

DOCDB simple family (application)  
**NO 2009000285 W 20090812**; EP 09806896 A 20090812; NO 20083537 A 20080814