

Title (en)

WIND TURBINE FOUNDATION FOR VARIABLE WATER DEPTH

Title (de)

WINDTURBINENFUNDAMENT FÜR VERÄNDERLICHE WASSERTIEFEN

Title (fr)

BASE D'ÉOLIENNE POUR PROFONDEUR D'EAU VARIABLE

Publication

**EP 2443342 A1 20120425 (EN)**

Application

**EP 10789786 A 20100616**

Priority

- NO 2010000233 W 20100616
- NO 20092311 A 20090616

Abstract (en)

[origin: WO2010147481A1] Wind turbine foundation (1) for variable water depth and method of constructing the wind turbine foundation, comprising a bottom foundation (5), a framework tower (10) provided on the bottom foundation (5) wherein the frame work tower (10) includes at least three parallel tubular legs (12) and a framework system (15) of struts (16) with strut nodes (20) and leg nodes (21) provided between and connected to the legs (12), and a transition structure (25) provided on the upper area of the framework tower, characterized in that the framework tower (10) consists of at least one standardized framework tower element (13, 14) wherein the centre distance between the at least three parallel tubular legs (12) is constant, the diameter of the legs (16) is constant and the strut nodes (20) and leg nodes (21) having standardized shapes.

IPC 8 full level

**F03D 11/04** (2006.01); **E02B 17/00** (2006.01); **E02B 17/02** (2006.01); **E04H 12/00** (2006.01)

CPC (source: EP KR)

**E02B 17/0004** (2013.01 - EP); **E02B 17/027** (2013.01 - EP); **E02D 27/52** (2013.01 - KR); **F03D 13/25** (2016.05 - EP); **E02B 2017/006** (2013.01 - EP); **E02B 2017/0069** (2013.01 - EP); **E02B 2017/0091** (2013.01 - EP); **E04H 2012/006** (2013.01 - EP); **F05B 2230/60** (2013.01 - EP); **F05B 2240/9121** (2013.01 - EP); **F05B 2240/95** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP); **Y02E 10/727** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010147481 A1 20101223**; CN 102803720 A 20121128; EP 2443342 A1 20120425; EP 2443342 A4 20140507; KR 20120034723 A 20120412; NO 20092311 L 20101217; NO 330475 B1 20110426

DOCDB simple family (application)

**NO 2010000233 W 20100616**; CN 201080026892 A 20100616; EP 10789786 A 20100616; KR 20127000582 A 20100616; NO 20092311 A 20090616