

Title (en)

OFFSHORE STRUCTURES AND ASSOCIATED APPARATUS AND METHODS

Title (de)

OFFSHORE-STRUKTUREN SOWIE ZUGEHÖRIGE VORRICHTUNG UND VERFAHREN

Title (fr)

STRUCTURES EN MER, APPAREIL ET PROCÉDÉS ASSOCIÉS

Publication

EP 2834423 B1 20191023 (EN)

Application

EP 13723535 A 20130402

Priority

- GB 201205543 A 20120329
- GB 201217367 A 20120928
- GB 201221241 A 20121126
- GB 2013050870 W 20130402

Abstract (en)

[origin: WO2013144659A2] The invention relates to structures, such as offshore structures, associated apparatus and methods. For example, the invention can relate to wind turbine structures, such as piles for offshore wind turbines, and associated apparatus and methods. In some examples, the invention relates to guide apparatus for offshore piles having a guide portion configured to provide an acoustic barrier between a pile and a surrounding body of water during deployment of a pile at a body of water. The apparatus may comprise a dampening structure, such as inflatable bladders, or the like, configured to provide the acoustic barrier. In some example, the guide apparatus comprises a piling template, configured to be positioned on a water floor, so that the guide portion can locate, and be positioned with, the template to allow for guiding of a pile to a water floor.

IPC 8 full level

E02D 11/00 (2006.01); **E02D 13/00** (2006.01); **E02D 13/04** (2006.01)

CPC (source: EP US)

E02B 17/0017 (2013.01 - US); **E02B 17/02** (2013.01 - US); **E02B 17/04** (2013.01 - US); **E02D 13/005** (2013.01 - EP US); **E02D 13/04** (2013.01 - EP US); **E21B 19/00** (2013.01 - US); **E21B 19/24** (2013.01 - US); **E02D 11/00** (2013.01 - EP US)

Cited by

CN107532399A; CN108930271A; US10400414B2

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

DOCDB simple family (publication)

WO 2013144659 A2 20131003; **WO 2013144659 A3 20140508**; EP 2834423 A2 20150211; EP 2834423 B1 20191023; US 2015110564 A1 20150423

DOCDB simple family (application)

GB 2013050870 W 20130402; EP 13723535 A 20130402; US 201314388388 A 20130402