

Title (en)
METHOD OF INSTALLATION OF AN OFFSHORE WIND TURBINE AND COMBINATION OF AN OFFSHORE WIND TURBINE AND A FLOATING VESSEL

Title (de)
VERFAHREN ZUR INSTALLATION EINER OFFSHORE-WINDENERGIEANLAGE UND KOMBINATION AUS EINER OFFSHORE-WINDENERGIEANLAGE UND EINEM SCHWIMMENDEN SCHIFF

Title (fr)
PROCÉDÉ D'INSTALLATION D'UNE ÉOLIENNE OFFSHORE ET COMBINAISON D'UNE ÉOLIENNE OFFSHORE ET D'UN NAVIRE

Publication
EP 2437997 A1 20120411 (EN)

Application
EP 10722105 A 20100602

Priority
• EP 2010057706 W 20100602
• DK PA200900700 A 20090604

Abstract (en)
[origin: WO2010139725A1] A tower (2) of an offshore wind turbine is composed by a first section (3) and a second section (4) and is by means of a vessel (13) transported to an installation location in a non-upright position. The first section (3) and the second section (4) of the tower (2) are during raising of the tower connected pivotally about a hinge axis (10), and the first section (3) of the tower is swung about the hinge axis (10) down into the sea to its upright position when the second section (4) of the tower is still carried in a non-upright position by the vessel (13). The first section (3) of the tower is installed on the seabed (17), and, subsequently, the second section (4) of the tower is swung about the hinge axis (10) to its upright position and locked to the first section (3) of the tower in this position.

IPC 8 full level
B66C 1/62 (2006.01); **B66C 23/26** (2006.01); **B66C 23/52** (2006.01); **F03D 1/00** (2006.01)

CPC (source: EP)
B66C 1/62 (2013.01); **B66C 23/207** (2013.01); **B66C 23/26** (2013.01); **B66C 23/52** (2013.01); **E02B 17/027** (2013.01); **F03D 13/10** (2016.05); **E02B 2017/0043** (2013.01); **E02B 2017/006** (2013.01); **E02B 2017/0091** (2013.01); **F05B 2240/95** (2013.01); **Y02E 10/72** (2013.01); **Y02E 10/727** (2013.01)

Citation (search report)
See references of WO 2010139725A1

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