

Title (en)

OFFSHORE WIND-POWERED DEVICE WITH SPECIFIC SEMI-SUBMERSIBLE FLOAT

Title (de)

WINDBETRIEBENE OFFSHORE -VORRICHTUNG MIT SPEZIFISCHEM HALBTAUCHSCHWIMMER

Title (fr)

DISPOSITIF D'EOLIENNE OFFSHORE AVEC FLOTTEUR SEMI- SUBMERSIBLE PARTICULIER

Publication

EP 2643209 A1 20131002 (FR)

Application

EP 11784725 A 20111122

Priority

- FR 1059603 A 20101122
- EP 2011070722 W 20111122

Abstract (en)

[origin: WO2012069498A1] The present invention relates to a floating offshore wind-powered device comprising a float (2) of semi-submersible type and at least one wind generator (1) comprising blades (11), a rotor (12), a nacelle (13) and a tower (14), the tower being assembled with said float. The float comprises at least three columns (3), each column comprising a non-immersed part (4) and an immersed part (5), and connecting elements (6) for rigidly connecting the columns to one another. The immersed part (5) of at least one of the columns (3) comprises at least one stabilizing portion (52) of larger cross section, which defines a top surface (52a) and a bottom surface, which surfaces are connected to one another by a peripheral surface (52c).

IPC 8 full level

B63B 35/44 (2006.01)

CPC (source: EP)

B63B 1/107 (2013.01); **B63B 35/44** (2013.01); **B63B 2035/446** (2013.01); **B63B 2039/067** (2013.01); **Y02E 10/727** (2013.01)

Citation (search report)

See references of WO 2012069498A1

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)

FR 2967642 A1 20120525; **FR 2967642 B1 20130816**; EP 2643209 A1 20131002; WO 2012069498 A1 20120531

DOCDB simple family (application)

FR 1059603 A 20101122; EP 11784725 A 20111122; EP 2011070722 W 20111122