

Title (en)

TURBINE PLANT FOR GENERATING POWER FROM SEA WAVES

Title (de)

TURBINENANLAGE ZUM NUTZEN VON ENERGIE AUS MEERESWELLEN

Title (fr)

INSTALLATION DE TURBINES POUR L'UTILISATION D'ÉNERGIE MARÉMOTRICE

Publication

EP 2100033 A2 20090916 (DE)

Application

EP 07846866 A 20071129

Priority

- EP 2007010338 W 20071129
- DE 102006057383 A 20061204

Abstract (en)

[origin: DE102006057383A1] The turbine arrangement has a chamber (1) that has an opening at its lower and upper ends and a pipe that opens at both ends to lead air flow. The opening at the lower end of the chamber is provided for immersing in sea waters. The upper end is attached to an end of the pipe. The pipe encloses a coaxially arranged energy unit. A device is provided for cleaning the rotor blades deposits. The energy unit has a turbine rotor with rotor blades and a generator that is coaxial to the rotor and drivingly connected with the rotor.

IPC 8 full level

F03B 11/08 (2006.01); **F03B 13/14** (2006.01)

CPC (source: EP KR US)

F03B 3/12 (2013.01 - KR); **F03B 11/08** (2013.01 - EP KR US); **F03B 13/14** (2013.01 - KR); **F03B 13/142** (2013.01 - EP US); **F03B 13/24** (2013.01 - EP US); **Y02E 10/20** (2013.01 - EP US); **Y02E 10/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2008067939A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006057383 A1 20080605; AU 2007327989 A1 20080612; CA 2671784 A1 20080612; CL 2007003474 A1 20080620; CN 101675242 A 20100317; EP 2100033 A2 20090916; JP 2010511832 A 20100415; JP 5213872 B2 20130619; KR 101384558 B1 20140417; KR 20090086461 A 20090812; NZ 577411 A 20110429; US 2009317230 A1 20091224; US 8388301 B2 20130305; WO 2008067939 A2 20080612; WO 2008067939 A3 20080724

DOCDB simple family (application)

DE 102006057383 A 20061204; AU 2007327989 A 20071129; CA 2671784 A 20071129; CL 2007003474 A 20071203; CN 200780050805 A 20071129; EP 07846866 A 20071129; EP 2007010338 W 20071129; JP 2009539641 A 20071129; KR 20097013807 A 20071129; NZ 57741107 A 20071129; US 47837009 A 20090604