

Title (en)

A TURBINE DEVICE FOR AN OSCILLATING WATER COLUMN POWER PLANT

Title (de)

TURBINENVORRICHTUNG FÜR EIN KRAFTWERK MIT SCHWINGENDER WASSERSÄULE

Title (fr)

DISPOSITIF DE TURBINE POUR UNE CENTRALE À COLONNE D'EAU OSCILLANTE

Publication

**EP 2225457 A1 20100908 (EN)**

Application

**EP 07851977 A 20071113**

Priority

NO 2007000400 W 20071113

Abstract (en)

[origin: WO2009064190A1] A device of a turbine (2) in a turbine assembly (1) for a so-called oscillating water column power plant, wherein wave-powered flow energy in the water is converted into an exploitable form of energy, such as electric energy, and wherein the turbine (2), which is submerged in the water, comprises blades (22) being pivotal relative to the turbine (2) and being structured in a manner allowing them to be pivoted between at least two positions by the water flowing through the turbine (2).

IPC 8 full level

**F03B 13/14** (2006.01); **F03B 13/18** (2006.01)

CPC (source: EP)

**F03B 13/142** (2013.01); **F03B 13/183** (2013.01); **F05B 2210/404** (2013.01); **F05B 2220/7068** (2013.01); **F05B 2240/30** (2013.01); **F05B 2240/33** (2013.01); **F05B 2240/97** (2013.01); **F05B 2260/74** (2013.01); **Y02E 10/30** (2013.01)

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2009064190 A1 20090522**; EP 2225457 A1 20100908; EP 2225457 A4 20121226

DOCDB simple family (application)

**NO 2007000400 W 20071113**; EP 07851977 A 20071113