

Title (en)
WAVE POWER PLANT

Title (de)
WELLENENERGIEANLAGE

Title (fr)
CENTRALE HOULOMOTRICE

Publication
EP 2265814 A4 20130320 (EN)

Application
EP 09717782 A 20090302

Priority
• FI 2009050172 W 20090302
• FI 20085210 A 20080305

Abstract (en)
[origin: WO2009109701A1] The invention relates to a wave power plant, comprising a base structure (1) for arrangement on a submerged surface (2), a lever arm (3) pivotally connected to said base structure (1) for angular oscillation about a pivotal axis (4), and energy extracting means (7) for extracting energy of said angular oscillation of said lever arm (3). A float means (8) is connected to said lever arm (3), said float means (8) being adapted to oscillate by the action of waves (22) so that said lever arm (3) connected to said float means (8) is adapted to angularly oscillate about said pivotal axis (4). Said energy extracting means (7) comprises a fluid cylinder (9) attached between said lever arm (3) and said base structure (1), a fluid motor (10) in fluid connection with said fluid cylinder (9), and a generator means (12) functionally connected to said fluid motor (10).

IPC 8 full level
F03B 13/18 (2006.01)

CPC (source: EP)
F03B 13/1815 (2013.01); **F05B 2220/61** (2013.01); **F05B 2240/97** (2013.01); **Y02E 10/30** (2013.01); **Y02E 60/36** (2013.01)

Citation (search report)
• [XI] WO 2007030841 A1 20070315 - VOSLOO JOHANNES JACOBUS [ZA]
• See references of WO 2009109701A1

Cited by
CN106499571A; CN106499572A; WO2015081869A1

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
WO 2009109701 A1 20090911; EP 2265814 A1 20101229; EP 2265814 A4 20130320; FI 20085210 A0 20080305

DOCDB simple family (application)
FI 2009050172 W 20090302; EP 09717782 A 20090302; FI 20085210 A 20080305