

Title (en)

SYSTEM TO OPTIMISE AND RECOVER ENERGY FROM THE MOVEMENT OF THE SEA

Title (de)

SYSTEM ZUR OPTIMISIERTEN ENERGIEGEWINNUNG AUS MEERESBEWEGUNGEN

Title (fr)

DISPOSITIF DE RECUPERATION DU MOUVEMENT DE LA MER POUR LE TRANSFORMER EN ENERGIE ELECTRIQUE

Publication

EP 2205860 A2 20100714 (FR)

Application

EP 08836353 A 20080724

Priority

- FR 2008001099 W 20080724
- FR 0705679 A 20070802

Abstract (en)

[origin: FR2919685A1] The device has a molded steel part or a concrete hollow structure (2) in which a platform floor (4) is positioned. A floating cylinder (19) is made of polyurethane, and is reinforced on an upper part by a steel plate (18). The floor has a connecting rod passage (17) for passing a pneumatic connecting rod (3). A gear box (7) is connected to a generator (6) for gearing down movement of a sea. The connecting rod connects a bias momentum wheel system (9) and the cylinder. The structure has an opening (11), and fixations to fix a pedestal (12) for being ballasted at a bottom part.

IPC 8 full level

F03B 13/18 (2006.01)

CPC (source: EP)

F03B 13/1855 (2013.01); **F05B 2240/91** (2013.01); **F05B 2260/50** (2013.01); **F05B 2260/96** (2013.01); **Y02E 10/30** (2013.01)

Citation (search report)

See references of WO 2009044008A2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2919685 A1 20090206; **FR 2919685 B1 20170519**; EP 2205860 A2 20100714; WO 2009044008 A2 20090409; WO 2009044008 A3 20090625; WO 2009044008 A4 20090813

DOCDB simple family (application)

FR 0705679 A 20070802; EP 08836353 A 20080724; FR 2008001099 W 20080724