

Title (en)
APPARATUS FOR CONVERSION OF ENERGY

Title (de)
VORRICHTUNG ZUR ENERGIEUMWANDLUNG

Title (fr)
APPAREIL DE CONVERSION D'ÉNERGIE

Publication
EP 2032841 A1 20090311 (EN)

Application
EP 07789537 A 20070605

Priority
• IB 2007002097 W 20070605
• MT P3523 A 20060606
• GB 0615447 A 20060803

Abstract (en)
[origin: WO2007141653A1] Apparatus for conversion of hydraulic energy into kinetic energy, the apparatus comprising: a housing (15) containing a fluid; a pump motor (20) submerged within the fluid, the pump motor pivotable within the housing about a fixed pivot point (30); a buoyant member (35) contained within the pump motor; a ballast member (50) contained within the pump motor, the ballast member containing a ballast tank (95); transfer means (55) coupled to the buoyant member to transfer the upward movement of the buoyant member within the pump motor; and a pressure differential means (25) operable to move the ballast tank upwards within the pump motor.

IPC 8 full level
F03B 17/04 (2006.01)

CPC (source: EP)
F03B 17/04 (2013.01)

Citation (search report)
See references of WO 2007141653A1

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 2007141653 A1 20071213; EP 2032841 A1 20090311

DOCDB simple family (application)
IB 2007002097 W 20070605; EP 07789537 A 20070605