

Title (en)

Power generating apparatus using water vacuum system or other similar fluid

Title (de)

Stromerzeugungsvorrichtung unter Verwendung eines Wasservakuumsystems oder einer ähnlichen Flüssigkeit

Title (fr)

Appareil de génération d'énergie à l'aide d'un système d'aspiration d'eau ou autre fluide similaire

Publication

EP 2388474 A3 20130529 (EN)

Application

EP 11166802 A 20110519

Priority

- ES 201030505 U 20100521
- ES 201130432 U 20110420

Abstract (en)

[origin: EP2388474A2] The invention relates to a generator apparatus for generating electric current by means of pressure from water or another similar fluid, comprising a circuit formed by an open tank (1) with at least one shut-off valve (2) intercalated between a collection container (4) and an upper leak-tight tank (9) provided with a motor (15) and a return pipe (14) communicating the collection container (4) with the leak-tight tank (9). The fluid acts on at least one scoop wheel, turbine or horizontal hydraulic wheel (3) linked to a flywheel (8) and gears (6) associated with an alternator (7) connected to a distribution board (16), the motor (15) being connected to the distribution board (16). Alternatively, it further incorporates a second scoop wheel, turbine or horizontal hydraulic wheel (21) coupled to a second group of gears (18) feeding a second alternator (20) linked to a second distribution board (22).

IPC 8 full level

F03B 17/00 (2006.01)

CPC (source: EP)

F03B 17/005 (2013.01)

Citation (search report)

- [A] WO 2010005333 A2 20100114 - PASARELU OCTAVIAN FLORIN [RO]
- [A] WO 03012288 A1 20030213 - ITO HIDEKI [JP]
- [A] FR 447326 A 19121230 - ANDRE D ETTORRE [FR]

Cited by

ES2865775A1; WO2013167099A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2388474 A2 20111123; EP 2388474 A3 20130529

DOCDB simple family (application)

EP 11166802 A 20110519