

Title (en)

ELECTRICITY ENERGY PRODUCING SYSTEM VIA BUOYANCY OF LIQUIDS

Title (de)

SYSTEM ZUR ERZEUGUNG VON ELEKTRIZITÄT MITTELS AUFTRIEB VON FLÜSSIGKEITEN

Title (fr)

SYSTÈME DE PRODUCTION D'ÉNERGIE ÉLECTRIQUE PAR FLOTTABILITÉ DE LIQUIDES

Publication

**EP 3714156 A2 20200930 (EN)**

Application

**EP 18923178 A 20181005**

Priority

- TR 201715876 A 20171016
- TR 2018000096 W 20181005

Abstract (en)

[origin: WO2019245480A2] To produce electric energy, the machine working through buoyancy of the liquids has a system that can be enlarged according to the amount of electric energy required. The system works in liquid. The upper part is the part where the pans (4) discharge the air and draw liquid inside. After the upper part, the middle part is the part that carries the pans (4) to the lower part of the system. The lower part is the air-filled part in which the liquid inside the pans is drained and filled with air. This location is the system's liquid discharge and air charge chamber (6). From here, the air filled pans (4) go up towards the top of the system using the buoyancy of the liquids and this action generates energy. When the air-filled pans (4) move upward with the chain (1) to which they are connected, the gears (2) to which chains (1) are connected also move. A gear (2) is mounted by means of the shaft (16) parallel to one of the gears (2) located in the upper part of the system. The chain (1) passing through this gear (2) is connected to the speed-up gear box (20) and the speed-up gear box (20) is connected to the alternator. In this way, the alternator rotates by turning the system so that electricity is generated.

IPC 8 full level

**F03B 17/04** (2006.01)

CPC (source: EP)

**F03B 17/04** (2013.01); **F05B 2210/401** (2013.01); **F05B 2260/4022** (2013.01)

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)

**WO 2019245480 A2 20191226**; **WO 2019245480 A3 20200213**; EP 3714156 A2 20200930; EP 3714156 A4 20210818; TR 201715876 A2 20190521

DOCDB simple family (application)

**TR 2018000096 W 20181005**; EP 18923178 A 20181005; TR 201715876 A 20171016