

Title (en)

POWER GENERATOR UTILIZING BUOYANCY OF A BODY IN A LIQUID.

Title (de)

ENERGIE-ERZEUGER DURCH SCHWEMMEN EINES KÖRPERS IN EINER FLÜSSIGKEIT.

Title (fr)

GENERATEUR D'ENERGIE UTILISANT LA FLOTTABILITE D'UN CORPS DANS UN LIQUIDE.

Publication

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Application

EP 80902335 A 19810504

Priority

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Abstract (en)

[origin: WO8101175A1] Power generating apparatus which derives its motive power from the buoyancy of a body immersed in a liquid medium. The apparatus includes an endless, flexible, spiral pipe (22) trained about respective upper and lower sprockets (18, 20), the pipe positioned so that a portion of it passes vertically through a column of liquid medium (12) in a container (10) The pipe (22) is lighter in weight than the weight of the liquid medium (12) displaced by the pipe so that the buoyancy of the pipe (22) causes the pipe (22) to travel and rotate the upper and lower sprockets (18, 20). Sealing means (36) are provided at the lower end of the container (10) of liquid medium (12) to prevent loss of the liquid medium (12) from the container (10) while permitting passage of the spiral pipe (22) vertically therethrough.

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