

Title (en)

PLANT FOR RECOVERING ENERGY FROM FLUIDS

Title (de)

ANLAGE ZUR ENERGIERÜCKGEWINNUNG AUS FLUIDEN

Title (fr)

INSTALLATION POUR RÉCUPÉRER DE L'ÉNERGIE À PARTIR DE FLUIDES

Publication

EP 3027890 B1 20200506 (EN)

Application

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Priority

- IT MI20131320 A 20130802
- IT TO20140067 A 20140130
- IT 2014000201 W 20140801

Abstract (en)

[origin: WO2015015526A1] A plant is described for recovering energy from fluids composed of a fluid column (5) placed under negative (static) pressure, from which liquid is taken through a pump (12) and is transferred in the drop part with a positive pressure, using a compensating circuit composed of various elements which allow sending to the energy generator a fluid flow with a positive thrust composed of the sum of the forces generated in the various steps of the path followed by the fluid. A plant is further described, composed of two fluid columns (7', 9'), placed at the same positive pressure, which create conditions for which the fluid flow passing by the various elements composing the plant reaches the energy generator with a positive thrust, benefiting from the sum of the forces generated in the path followed by the fluid.

IPC 8 full level

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