

Title (en)
THERMAL DEVICE FOR GENERATING MECHANICAL AND/OR ELECTRIC ENERGY

Title (de)
THERMISCHE EINRICHTUNG ZUM ERZEUGEN VON MECHANISCHER UND/ODER ELEKTRISCHER ENERGIE

Title (fr)
DISPOSITIF THERMIQUE POUR PRODUIRE DE L'ÉNERGIE MÉCANIQUE ET/OU ÉLECTRIQUE

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Abstract (en)
[origin: WO2011060956A2] The invention relates to a thermal device (10) for generating mechanical and/or electric energy is to be operated with considerable lower temperatures and temperature gradients, wherein either naturally occurring or accordingly generated temperature gradients can be used. In order to achieve said aim, a thermally expansive and contractive medium (12) is provided in a pressure container (11) that is alternately supplied with two different temperature values, and a working medium (13) is provided in part in axial layering with the thermally expansive/contractive medium in the pressure container (11) and in part in a storage container (15) connected to the pressure container (11), wherein a generating unit (20) for mechanical and/or electric energy that is driven by the working medium (13) is provided between the region of the pressure container (11) accommodating the working medium (13) and the storage container (15).

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