

Title (en)

METHOD AND DEVICE FOR PRODUCING MECHANICAL ENERGY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG MECHANISCHER ENERGIE

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE DE L'ENERGIE MECANIQUE

Publication

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Application

**EP 06742365 A 20060522**

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Abstract (en)

[origin: WO2006128423A2] The aim of the invention is to provide a method and device for producing mechanical energy by means of a rotating heat engine (1) which requires less thermal energy in order to guarantee a thermodynamic cycle and in order to perform usable mechanical work. This aim is substantially attained by using a first liquid working medium (6) and at least one additional liquid working medium (7). The at least one additional working medium (7) has a lower boiling point than the first. When it is combined with the first working medium (6) that is enriched with thermal energy, it changes to a gaseous state or expands and produces an excess pressure and performs work in such a manner that a torque is applied to the rotating element (3; 3.1-3.6) of the heat engine (1).

IPC 8 full level

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