

Title (en)

METHOD AND SYSTEM FOR CONVERTING HEAT ENERGY INTO MECHANICAL ENERGY

Title (de)

VERFAHREN UND ANLAGE ZUR UMWANDLUNG VON ANFALLENDER WÄRMEENERGIE IN MECHANISCHE ENERGIE

Title (fr)

PROCÉDÉ ET INSTALLATION DE CONVERSION D'UNE ÉNERGIE THERMIQUE RÉSUULTANTE EN ÉNERGIE MÉCANIQUE

Publication

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Application

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Abstract (en)

[origin: WO2005061858A1] The invention relates to a method for converting heat energy, which is produced in an evaporator (6), into mechanical energy by expanding a vaporous working medium which is evaporated in the evaporator (6) which is then expanded in an expansion device (2). According to the invention, expansion occurs in a low-pressure expansion device which is embodied in the form of a roller piston blower (2) wherein the working medium is expanded, thereby converting heat energy into mechanical energy.

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