

Title (en)
METHOD AND INSTALLATION FOR CONVERTING HEAT ENERGY FROM REFRIGERATING MACHINES

Title (de)
VERFAHREN UND ANLAGE ZUR UMWANDLUNG VON WÄRMEENERGIE AUS KÄLTEMASCHINEN

Title (fr)
PROCEDE POUR TRANSFORMER L'ENERGIE THERMIQUE GENEREE PAR DES MACHINES FRIGORIFIQUES

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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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