Title (en)
SELF-DRIVEN THERMAL COMPRESSION HEAT PUMP REFRIGERATION METHOD

Title (de)
KÜHLVERFAHREN FÜR THERMISCHE SELBSTANGETRIEBENE KOMPRESSIONSWÄRMEPUMPE

Title (fr)
PROCÉDÉ DE RÉFRIGÉRATION DE POMPE À CHALEUR À COMPRESSION THERMIQUE AUTO-ENTRAÎNÉE

Publication
EP 3147589 A4 20180228 (EN)

Application
EP 15812225 A 20150522

Priority
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Abstract (en)
[origin: EP3147589A1] The present invention relates to a self-driving heat compression-type heat pump refrigerating method. According to the method, high-temperature steam is prepared, with condensed heat generated by a heat compression-type heat pump refrigerating circulation system, as a driving heat source for heat compression-type heat pump refrigerating circulation system to drive the heat compression-type heat pump refrigerating circulation system. By consuming only a very small amount of electricity, the present invention can prepare the driving steam by using condensing heat generated by refrigerating media steam. The heat generated during the circulation of a system itself is used as a driving heat source, realizing refrigerating and heating. The present invention is highly efficient and energy-saving.

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Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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