

Title (en)

HIGH-TEMPERATURE HEAT PUMP AND METHOD OF USING A WORKING MEDIUM IN A HIGH-TEMPERATURE HEAT PUMP

Title (de)

HOCHTEMPERATURWÄRMEPUMPE UND VERFAHREN ZUR VERWENDUNG EINES ARBEITSMEDIUMS IN EINER
HOCHTEMPERATURWÄRMEPUMPE

Title (fr)

POMPE À CHALEUR À HAUTE TEMPÉRATURE ET PROCÉDÉ D'UTILISATION D'UN FLUIDE DE TRAVAIL DANS UNE POMPE À CHALEUR À
HAUTE TEMPÉRATURE

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Abstract (en)

[origin: WO2013045361A1] The present invention relates to a high-temperature heat pump having a fluid circuit (1) for absorbing thermal energy through the fluid from at least a first reservoir (2) while performing technical work and for outputting thermal energy through the fluid to at least a second reservoir (3) for heating the at least one second reservoir (3). The present invention also relates to a method of using a working medium in a high-temperature heat pump of this kind, wherein the working medium is hydrofluoroether or fluoroketone.

IPC 8 full level

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