

Title (en)

CYCLE SYSTEM FOR HEATING AND/OR COOLING AND HEATING AND/OR COOLING OPERATION METHOD

Title (de)

ZYKLUSYSTEM ZUM HEIZEN UND/ODER KÜHLEN SOWIE HEIZ- UND/ODER KÜHLBETRIEBSVERFAHREN

Title (fr)

SYSTÈME DE CYCLE DE CHAUFFAGE ET/OU DE REFROIDISSEMENT ET PROCÉDÉ DE FONCTIONNEMENT DE CHAUFFAGE ET/OU DE REFROIDISSEMENT

Publication

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Application

EP 17164213 A 20170331

Priority

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Abstract (en)

[origin: EP3382300A1] The present invention relates to a cycle system for heating and/or cooling comprising a main circuit for circulating a refrigerant having a compressor, a condenser, a first expansion valve and an evaporator, which are sequentially connected in a flow direction of the refrigerant, and a bypass passage for bypassing a first refrigerant part around the condenser, wherein the bypass passage includes an internal heat exchanger for exchanging heat between the first refrigerant part and a second refrigerant part which is branched off from the main circuit at the evaporator outlet, and the main circuit further comprises a liquid receiver, which is connected to the bypass passage.

IPC 8 full level

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CPC (source: EP)

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