

Title (en)
COOLANT CIRCUIT

Title (de)
KÄLTEMITTELKREISLAUF

Title (fr)
CIRCUIT FRIGORIFIQUE

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Application
EP 19746487 A 20190801

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Abstract (en)
[origin: WO2020025770A2] The invention relates to a refrigerant circuit, comprising at least one refrigerant compressor which compresses cold medium supplied to a suction connection to high pressure, so that a compressor mass flow of the refrigerant compressed to high pressure exits at a pressure connection, at least one high pressure-side, heat-emitting heat exchanger with an inlet, to which the refrigerant circuit feeds the compressor mass flow, and with an outlet, from which a cooled total mass flow of refrigerant exits, at least one expansion unit, at least one cooling stage having at least one heat-receiving heat exchanger, wherein the refrigerant circuit supplies a main mass flow, which is included in the expansion pressure mass flow expanded by the expansion unit, to the heat exchanger, and a working condition adaptation unit associated with the refrigerant circuit.

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Citation (search report)
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