

Title (en)  
REFRIGERANT CIRCUIT

Title (de)  
KÜHLKREISLAUF

Title (fr)  
CIRCUIT DE FRIGORIGENE

Publication  
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Application  
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Abstract (en)  
[origin: WO2007068730A1] The present invention relates to a refrigerant circuit (1), in particular for use in a liquefaction plant, the refrigerant circuit (1) at least comprising: - a refrigerator (2) having an inlet (21) for refrigerant (10) at a refrigeration pressure, and at least five outlets (22, 23, 24, 25, 26, ...) for evaporated refrigerant (20, 30, 40, 50, 60, ...) evaporated at different pressure levels, the at least five outlets (22, 23, 24, 25, 26, ...) being preferably intended for refrigerants evaporated at increasing pressures from the first outlet (22) to the fifth (26) and optional higher outlets; - a first compressor (3) having one or more inlets for receiving evaporated refrigerant from the refrigerator and an outlet (34) that can be connected to the inlet (21) of the refrigerator (2); and - a second compressor (4) having one or more inlets for receiving evaporated refrigerant from the refrigerator and an outlet (44) that can be connected to the inlet (21) of the refrigerator (2).

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