

Title (en)  
HEAT PUMP

Title (de)  
WÄRMEPUMPE

Title (fr)  
POMPE À CHALEUR

Publication  
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Application  
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Abstract (en)  
[origin: WO2013092849A1] The invention relates to a heat pump (2), which can be changed over between cooling mode and heating mode, having a first heat exchanger (4), a second heat exchanger (6), two compressor stages (8, 10) for compressing a medium and a medium pressure bottle (12), inserted between the compressor stages (6, 8) and the second compressor stage (10) for phase separation of the fluid medium. Downstream of the second compressor stage (8), a changeover valve (16) is arranged, by means of which a flow connection between the second compressor stage (8) and the second heat exchanger (6) can be established in cooling mode, and a flow connection between the second compressor stage (8) and the first heat exchanger (4) can be established in heating mode.

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