

Title (en)  
HEAT PUMP FOR A CLOTHES TREATMENT APPLIANCE, AND CLOTHES TREATMENT APPLIANCE COMPRISING SUCH HEAT PUMP

Title (de)  
WÄRMEPUMPE FÜR VORRICHTUNG ZUR WÄSCHEBEHANDLUNG

Title (fr)  
POMPE À CHALEUR POUR APPAREIL DE TRAITEMENT DE LINGE

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Application  
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Abstract (en)  
[origin: WO2013144780A1] The invention relates to a heat pump P' for a clothes treatment appliance H. The heat pump P' comprises a compressor 1, a condenser 2, a restrictor 3, and an evaporator 4, and further comprises a liquid-suction heat interchanger 8. The liquid-suction heat interchanger 8 comprises a first refrigerant line 9 and a second refrigerant line 10 that are thermally coupled to each other. An inlet 9i of the first refrigerant line 9 of the heat interchanger 8 is coupled to an outlet 4o of the evaporator 4, and an outlet 9o of the first refrigerant line 9 is coupled to an inlet 1 i of the compressor 1. An inlet 10i of the second refrigerant line 10 is coupled to an outlet 2o of the condenser 2 and an outlet 10omicron of the second refrigerant line 10 is coupled to an inlet 3i of the restrictor 3. The first refrigerant line 9 and the second refrigerant line 10 are thermally isolated against an environment of the liquid-suction heat interchanger 8. A clothes treatment appliance H according to the invention comprises such heat pump P'.

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