

Title (en)  
Heat pump laundry treatment apparatus

Title (de)  
Wärmepumpenvorrichtung zur Wäschebehandlung

Title (fr)  
Appareil de traitement du linge à pompe à chaleur

Publication  
**EP 2799612 B1 20151209 (EN)**

Application  
**EP 13166249 A 20130502**

Priority  
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Abstract (en)  
[origin: EP2799612A1] The present invention relates to a heat pump laundry treatment apparatus, in particular a heat pump laundry dryer or a heat pump washing machine having drying function. A heat pump laundry treatment apparatus (1) according to the invention comprises a cabinet (2) which houses operational components (3, 12, 14) for carrying out a drying operation on laundry, the operational components (3, 12, 14) comprise a rotatable laundry drum (3) for treating laundry using process air, the drum (3) being accessible by a user through a door (4) of the apparatus (1), wherein the laundry treatment apparatus (1) comprises: a process air path (12) for conveying the process air through the drum (3); a heat pump assembly (14) having members (15, 16, 17, 18) comprising a first and a second heat exchanger (15, 16) arranged in the process air path (12), a compressing device (17), a refrigerant expansion device (18) and a refrigerant loop (11) for circulating a refrigerant fluid through the members (15, 16, 17, 18); the refrigerant loop comprising flexible pipes (19) for fluidly connecting each other two members (15, 16, 17, 18) of the heat pump assembly (14). In the apparatus (1) according to the invention at least one of the heat pump members (15, 16, 17, 18) is at least partly removable from the cabinet (2) leaving the remaining heat pump members (15, 16, 17, 18) inside the cabinet (2) and keeping said at least partly removable heat pump member (15, 16, 17, 18) connected to the refrigerant loop (11).

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Cited by  
DE102015111436A1; CN109355867A; CN114908538A; US11713539B2; US11255041B2; WO2019029800A1; US11186943B2; US11761141B2

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