

Title (en)  
Laundry treatment apparatus with heat pump

Title (de)  
Wäschebehandlungsvorrichtung mit Wärmepumpe

Title (fr)  
Appareil de traitement du linge avec pompe thermique

Publication  
**EP 2781644 A1 20140924 (EN)**

Application  
**EP 13160567 A 20130322**

Priority  
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Abstract (en)  
The invention relates to a laundry treatment apparatus having a heat pump system, comprising: a cabinet 40 having a front wall 44, a rear wall 43, side walls 42 and top cover 49, a laundry storing chamber 18 arranged inside the cabinet for treating laundry 19 using process air A, a process air loop for circulating the process air through the laundry storing chamber, and a heat pump system 4 for dehumidifying and heating the process air, the heat pump system having a refrigerant loop 6. The refrigerant loop comprises a first heat exchanger 10 for heating a refrigerant and cooling the process air, a second heat exchanger 12 for cooling the refrigerant and heating the process air, a refrigerant expansion device 16, a compressor 14, and an auxiliary heat exchanger 13; wherein the auxiliary heat exchanger is arranged at the external side of the rear wall 43.

IPC 8 full level  
**D06F 58/20** (2006.01)

CPC (source: EP US)  
**D06F 58/206** (2013.01 - EP US); **D06F 58/20** (2013.01 - EP US)

Citation (applicant)

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