

Title (en)
APPLIANCE FOR DRYING LAUNDRY

Title (de)
VORRICHTUNG ZUM WÄSCHETROCKNEN

Title (fr)
APPAREIL POUR SÉCHER LE LINGE

Publication
EP 2976454 A1 20160127 (EN)

Application
EP 13713781 A 20130320

Priority
EP 2013055783 W 20130320

Abstract (en)
[origin: WO2014146704A1] An appliance for drying laundry (1), having a heat pump system (5), the heat pump system having a refrigerant circuit, the appliance comprising: an articles drying chamber (2) for drying the articles using a drying medium; a first heat exchanger (6) for heating a refrigerant and cooling the drying medium; a second heat exchanger (7) for cooling the refrigerant and heating the drying medium; a refrigerant expansion device (14) arranged in the refrigerant circuit between the second heat exchanger (7) and the first heat exchanger (6), and a compressor (8) arranged in the refrigerant circuit between the first heat exchanger (6) and the second heat exchanger (7). The heat pump system is designed to operate so that a level of sub-cooling of the refrigerant in the heat pump system is between 5 °C and 15 °C measured at the inlet of the refrigerant expansion device.

IPC 8 full level
D06F 58/20 (2006.01)

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

Citation (search report)
See references of WO 2014146704A1

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