

Title (en)

A HEAT PUMP LAUNDRY DRYING MACHINE AND A METHOD FOR OPERATING A HEAT PUMP LAUNDRY DRYING MACHINE

Title (de)

WÄRMEPUMPE FÜR EINE WÄSCHETROCKNUNGSMASCHINE UND VERFAHREN ZUM BETREIBEN EINER WÄSCHETROCKNUNGSMASCHINE MIT WÄRMEPUMPE

Title (fr)

SÈCHE-LINGE À POMPE À CHALEUR ET PROCÉDÉ D'EXPLOITATION D'UN SÈCHE-LINGE À POMPE À CHALEUR

Publication

EP 2959052 A1 20151230 (EN)

Application

EP 13706257 A 20130225

Priority

EP 2013053712 W 20130225

Abstract (en)

[origin: WO2014127842A1] The present invention relates to a laundry drying machine (1) of the type comprising a heat pump system (20) having a refrigerant circuit (30) for a refrigerant and comprising an air stream circuit (10) for an air stream (A) conveyable to a laundry drum (9) suited to receive laundry to be dried. The refrigerant circuit (30) comprises: a first heat exchanger (21) for a thermal coupling between the air stream circuit (10) and the refrigerant circuit (30); a second heat exchanger (23) for a further thermal coupling between the air stream circuit (10) and the refrigerant circuit (30); a compressor (24) arranged in the refrigerant circuit (30) between the second heat exchanger (23) and the first heat exchanger (21); a refrigerant expansion device (22) arranged in the refrigerant circuit (30) between the first heat exchanger (21) and the second heat exchanger (23). The machine (1) comprises two or more interrupting devices (71, 72) arranged along the refrigerant circuit (30) suited to define one or more portions of the refrigerant circuit (30) where the refrigerant may be confined.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014127842A1

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