

Title (en)

Basement arrangement of a heat pump laundry treatment apparatus

Title (de)

Unterbauanordnung einer Wärmepumpenvorrichtung zur Wäschebehandlung

Title (fr)

Agencement de cave d'un appareil de traitement du linge à pompe thermique

Publication

EP 2549008 A1 20130123 (EN)

Application

EP 11174986 A 20110722

Priority

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Abstract (en)

The invention relates to a laundry treatment apparatus, in particular to a dryer or washing machine having drying function, comprising: a laundry storing chamber for treating laundry using process air, a process air loop for circulating the process air through the laundry storing chamber, a motor (60) for driving the rotatably supported laundry storing chamber and/or for driving a process air blower (58) arranged in the process air loop, and a heat pump system for dehumidifying and heating the process air, the heat pump system having a refrigerant loop comprising: a first heat exchanger (46) for heating a refrigerant and cooling the process air, a second heat exchanger (48) for cooling the refrigerant and heating the process air, a refrigerant expansion device arranged in the refrigerant loop, and a compressor (62) arranged in the refrigerant loop, wherein the first and second heat exchangers (46, 48) are arranged in a process air duct section (50) of the process air loop which is located in a base section (42) of the apparatus. According to the invention the process air duct section (50) is arranged in a middle region (I) of the base section (42), a first region (II/III) of the base area of the base section (42) is at a first side of or with respect to the process air duct section (50), and a second region (III/II) of the base area of the base section (42) is at a second side of or with respect to the process air duct section (50), such that the process air duct section (50) is between the first and second region (II, III).

IPC 8 full level

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CPC (source: CN EP US)

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Citation (applicant)

- EP 1209277 A2 20020529 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
- WO 2008155263 A1 20081224 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

Citation (search report)

- [AD] WO 2008155263 A1 20081224 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [AD] EP 1209277 A2 20020529 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
- [A] DE 4304372 A1 19940818 - MIELE & CIE [DE]

Cited by

CN114908540A; AU2013396776B2; EP2881514A1; US2022056630A1; EP3323933A4; EP3712322A1; EP3505040A1; EP4049579A1; US9683325B2; US10662575B2; WO2020126056A1; WO2022169341A1; WO2016108790A1; WO2020126055A1; US12071721B2; TWI847096B; WO2014206441A1; WO2022169313A1; WO2022169327A1

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DOCDB simple family (application)

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