

Title (en)

BASE OF HEAT PUMP SYSTEM AND HEAT PUMP SYSTEM FOR DRIER OR WASHER-DRIER

Title (de)

BASIS EINES WÄRMEPUMPENSYSTEMS UND WÄRMEPUMPENSYSTEM FÜR TROCKNER ODER WASCHTROCKNER

Title (fr)

BASE DE SYSTÈME DE POMPE À CHALEUR ET SYSTÈME DE POMPE À CHALEUR POUR SÈCHE-LINGE OU LAVE-LINGE SÉCHANT

Publication

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Application

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Abstract (en)

A base (1) of a heat pump system (100) and a heat pump system (100) for a drier or a washer-drier are provided. The base (1) defines an evaporator storage chamber (101) with a guide groove (11) formed in a bottom surface of the evaporator storage chamber (101); a drain port (12) is formed in a bottom surface of the guide groove (11) and is in communication with outsider space of the evaporator storage chamber (101); and the guide groove (11) is configured to guide condensate water to the drain port (12). For the base (1) according to the present invention, by providing the guide groove (11) in the bottom surface of the evaporator storage chamber (101), and by guiding the condensate water through the guide groove (11) to the drain port (12) and discharging the condensate water out of the base (1), it is possible to guarantee heat exchange efficiency of the heat pump system (100), shorten drying time and improve drying efficiency.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] EP 2270274 A1 20110105 - ELECTROLUX HOME PROD CORP [BE]
- [XI] WO 2015139966 A1 20150924 - ELECTROLUX APPLIANCES AB [SE]
- [XAI] WO 2010090411 A1 20100812 - LG ELECTRONICS INC [KR], et al

Designated contracting state (EPC)

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