

Title (en)

Air/water heat pump with a heat exchanger in a housing

Title (de)

Luft/Wasser-Wärmepumpe mit einem in einem Gehäuse angeordneten Wärmetauscher

Title (fr)

Pompe à chaleur à air/eau équipée d'un échangeur thermique installé dans un boîtier

Publication

EP 2226587 B1 20160713 (DE)

Application

EP 10002291 A 20100305

Priority

DE 102009011370 A 20090305

Abstract (en)

[origin: EP2226587A2] The pump (1) has a heat exchanger (20) conveying air using a ventilator (50) and enabling heat exchange between the air and refrigerant provided in the heat exchanger. An air channel (30) is arranged at a side of the pump and comprises an opening (32) for the heat exchanger. The opening comprises a boundary (33) and an edge (34). The boundary for air guidance partially lies at height of an end (25) of the heat exchanger. The edge horizontally extends into a height of a region (22) of a middle axis (21) of the heat exchanger. An independent claim is also included for a method for guiding air into an air/water heat pump.

IPC 8 full level

F24H 4/02 (2006.01); **F24F 1/58** (2011.01)

CPC (source: EP)

F24F 1/58 (2013.01)

Cited by

DE102017101264A1; CN102434921A; EP2436994A3

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DOCDB simple family (publication)

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