

Title (en)  
HEAT PUMP HEAT SOURCE DEVICE

Title (de)  
WÄRMEPUMPEN-WÄRMEQUELLENMASCHINE

Title (fr)  
DISPOSITIF DE SOURCE DE CHALEUR DE POMPE À CHALEUR

Publication  
**EP 4102143 A1 20221214 (EN)**

Application  
**EP 22175558 A 20220525**

Priority  
JP 2021094850 A 20210607

Abstract (en)  
A heat pump heat source device including: a refrigerant circuit 4 composed of at least a compressor 2 and a heat source-side heat exchanger 3; a blower 5 for generating air which exchanges heat with the heat source-side heat exchanger 3; a partition plate 6 for partitioning the compressor 2 and the blower 5 from each other; a first grill 11 for covering the compressor 2 from front; a second grill 12 which is placed in parallel to the first grill 11 and which covers the blower 5 from front; and a main body 1 provided with at least the compressor 2 and the blower 5 therein, wherein a portion where the first grill 11 is fastened to the main body 1 through fastening means is only a portion where the first grill 11 forms a ceiling surface and/or a side surface of the main body 1. According to this, a heat pump heat source device which is excellent in design and maintainability is provided.

IPC 8 full level  
**F24F 1/56** (2011.01)

CPC (source: EP)  
**F24F 1/56** (2013.01)

Citation (applicant)  
JP 2005337597 A 20051208 - MATSUSHITA ELECTRIC IND CO LTD

Citation (search report)  
• [X] EP 2840326 A1 20150225 - MITSUBISHI HEAVY IND LTD [JP]  
• [X] EP 2481994 A1 20120801 - FUJITSU GENERAL LTD [JP]  
• [X] JP 2007247984 A 20070927 - MATSUSHITA ELECTRIC IND CO LTD  
• [X] WO 2018193520 A1 20181025 - MITSUBISHI ELECTRIC CORP [JP]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4102143 A1 20221214**; JP 2022187051 A 20221219

DOCDB simple family (application)  
**EP 22175558 A 20220525**; JP 2021094850 A 20210607