

Title (en)

HEAT SOURCE MACHINE AND REFRIGERATION CYCLE DEVICE

Title (de)

WÄRMEQUELLENMASCHINE UND KÄLTEKREISLAUFVORRICHTUNG

Title (fr)

MACHINE DE SOURCE DE CHALEUR ET DISPOSITIF À CYCLE FRIGORIFIQUE

Publication

**EP 3929494 A4 20220302 (EN)**

Application

**EP 19915679 A 20190219**

Priority

JP 2019006029 W 20190219

Abstract (en)

[origin: EP3929494A1] A heat source device (1) includes: a blower chamber (6) housing a fan (3); a first mechanical chamber (7) housing a compressor (201); a second mechanical chamber (8) housing a controller (205); and a third mechanical chamber (9) housing a wiring portion (206) connecting the compressor (201) and the controller (205) to each other. The first mechanical chamber (7) and the second mechanical chamber (8) are arranged to sandwich the blower chamber (6) in a first direction (X) orthogonal to a rotation axis (O) of the fan (3). The third mechanical chamber (9) is arranged between the first mechanical chamber (7) and the second mechanical chamber (8) in the first direction (X), and arranged alongside the fan (3) in a second direction (Z) orthogonal to each of the rotation axis (O) and the first direction (X).

IPC 8 full level

**F24F 1/54** (2011.01); **F24F 1/10** (2011.01); **F24F 1/22** (2011.01)

CPC (source: EP)

**F24F 1/22** (2013.01); **F24F 1/54** (2013.01)

Citation (search report)

- [YD] JP H04177031 A 19920624 - MITSUBISHI ELECTRIC CORP
- [Y] JP 2014167376 A 20140911 - KUMAGAI GUMI CO LTD
- [Y] JP H04278132 A 19921002 - MITSUBISHI ELECTRIC CORP
- [Y] GB 2533069 A 20160608 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] JP H04297732 A 19921021 - MITSUBISHI ELECTRIC CORP
- See also references of WO 2020170327A1

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

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**EP 3929494 A1 20211229**; **EP 3929494 A4 20220302**; **EP 3929494 B1 20240103**; EP 3964755 A1 20220309; EP 3964755 B1 20231220; EP 3964756 A1 20220309; ES 2968614 T3 20240513; ES 2971301 T3 20240604; JP 7204872 B2 20230116; JP WO2020170327 A1 20211118; WO 2020170327 A1 20200827

DOCDB simple family (application)

**EP 19915679 A 20190219**; EP 21204586 A 20190219; EP 21204587 A 20190219; ES 19915679 T 20190219; ES 21204586 T 20190219; JP 2019006029 W 20190219; JP 2021501177 A 20190219