

Title (en)
HEAT SOURCE UNIT AND REFRIGERATION DEVICE

Title (de)
WÄRMEQUELLENEINHEIT UND KÜHLVORRICHTUNG

Title (fr)
UNITÉ DE SOURCE DE CHALEUR ET DISPOSITIF DE RÉFRIGÉRATION

Publication
EP 4033178 A1 20220727 (EN)

Application
EP 20871109 A 20200717

Priority

- JP 2019180679 A 20190930
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- JP 2020027906 W 20200717

Abstract (en)

A heat source unit (10) including a heat source circuit (11) is connected to a utilization unit (50) to constitute a refrigerant circuit (2) that performs a refrigeration cycle. The heat source unit (10) includes a switching mechanism (24) that switches the refrigeration cycle between a first refrigeration cycle and a second refrigeration cycle, and a subcooling heat exchanger (40) having a first channel (40a) and a second channel (40b) through which a heating medium for cooling a refrigerant in the first channel (40a) flows. The heat source unit (10) further includes a regulation mechanism (80) configured to perform a first operation of reducing a capability of the second channel (40b) of cooling the refrigerant in the first channel (40a) before switching from the first refrigeration cycle to the second refrigeration cycle.

IPC 8 full level
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