

Title (en)
OUTDOOR UNIT, REFRIGERATION CYCLE DEVICE, AND REFRIGERATING MACHINE

Title (de)
AUSSENEINHEIT, KÄLTEKREISLAUFVORRICHTUNG UND KÄLTEMASCHINE

Title (fr)
UNITÉ EXTÉRIEURE, DISPOSITIF À CYCLE FRIGORIFIQUE ET MACHINE FRIGORIFIQUE

Publication
EP 3954947 B1 20240117 (EN)

Application
EP 19923884 A 20190410

Priority
JP 2019015681 W 20190410

Abstract (en)
[origin: EP3954947A1] An outdoor unit (2) includes a compressor (10), a condenser (20), a heat exchanger (30) configured to exchange heat between refrigerant flowing in a first passage (H1) and the refrigerant flowing in a second passage (H2), and a second expansion valve (40). The outdoor unit (2) further includes a first refrigerant flow path (91 to 94) configured to cause the refrigerant to flow from a portion of a circulation flow path between an outlet of the first passage (H1) and the second expansion valve (40) to an inlet of the second passage (H2), a second refrigerant flow path (96 to 98) configured to cause the refrigerant to flow from an outlet of the second passage (H2) to a suction port (G1) or an intermediate pressure port (G3) of the compressor (10), and a flow path switching unit (74) disposed on the second refrigerant flow path and configured to switch, to one of the suction port (G1) and the intermediate pressure port (G3), a destination of the refrigerant flowing out from the outlet of the second passage (H2).

IPC 8 full level
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CPC (source: EP)
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