

Title (en)
REFRIGERATION CYCLE DEVICE

Title (de)
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)
DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication
EP 4286774 A1 20231206 (EN)

Application
EP 21922799 A 20210127

Priority
JP 2021002784 W 20210127

Abstract (en)
A refrigeration cycle apparatus (100) includes a refrigerant circuit (101) and a gas-liquid separation circuit (102). The gas-liquid separation circuit (102) includes an internal heat exchanger (5), a receiver (6), a first valve (7), and a second valve (8). The internal heat exchanger (5) includes a first path (51) and a second path (52). The gas-liquid separation circuit (102) includes a first flow path (P1) and a second flow path (P2). The second flow path (P2) is configured to branch from the first flow path (P1) between the internal heat exchanger (5) and the receiver (6), and merge into the first flow path (P1) between the first valve (7) and the refrigerant circuit (101).

IPC 8 full level
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