

Title (en)
REFRIGERATION CYCLE DEVICE

Title (de)
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)
DISPOSITIF DE CYCLE FRIGORIFIQUE

Publication
EP 4317845 A1 20240207 (EN)

Application
EP 22781287 A 20220331

Priority
• JP 2021061280 A 20210331
• JP 2022016797 W 20220331

Abstract (en)
Provided is a refrigeration cycle apparatus capable of efficiently performing a cooling operation and a heating operation using a low-pressure refrigerant and a high-pressure refrigerant. A refrigeration cycle apparatus (1) performs a heating operation by performing a two-stage refrigeration cycle, the two-stage refrigeration cycle including a use-side refrigeration cycle using a first refrigerant having 1 MPa or less at 30°C and a heat-source-side refrigeration cycle using a second refrigerant having 1.5 MPa or more at 30°C, and performs a cooling operation by performing a single-stage refrigeration cycle using the first refrigerant.

IPC 8 full level
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Designated extension state (EPC)
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KH MA MD TN

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