

Title (en)

REFRIGERANT STORAGE CONTAINER, AND REFRIGERATION CYCLE DEVICE PROVIDED WITH SAID REFRIGERANT STORAGE CONTAINER

Title (de)

KÄLTEMITTELAUFBEWAHRUNGSBEHÄLTER UND KÄLTEKREISLAUFVORRICHTUNG MIT DIESEM KÄLTEMITTELAUFBEWAHRUNGSBEHÄLTER

Title (fr)

RÉCIPIENT DE STOCKAGE DE FLUIDE FRIGORIGÈNE, ET DISPOSITIF À CYCLE FRIGORIFIQUE DOTÉ DUDIT RÉCIPIENT DE STOCKAGE DE FLUIDE FRIGORIGÈNE

Publication

EP 4339536 A1 20240320 (EN)

Application

EP 21941943 A 20210514

Priority

JP 2021018304 W 20210514

Abstract (en)

A refrigerant reservoir container has a container body that forms an outer shell, an inflow pipe connected to the container body and through which two-phase gas-liquid refrigerant flows into an upper space in the container body, an outflow pipe connected to the container body and through which gas refrigerant and liquid refrigerant flow from the upper space in the container body to an outside of the container body, and an undulation prevention plate that is located in the container body and partitions an internal space of the container body into the upper space and a lower space. The undulation prevention plate is provided with a plurality of through holes through which the upper space and the lower space communicate with each other and through which liquid refrigerant flows into the lower space. The plurality of through holes are annularly arranged along an inner wall surface of the container body.

IPC 8 full level

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CPC (source: EP US)

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