

Title (en)

LIQUID SEPARATOR, COOLING SYSTEM, AND GAS-LIQUID SEPARATION METHOD

Title (de)

FLÜSSIGKEITSABSCHEIDER, KÜHLSYSTEM UND GAS-FLÜSSIGKEITS-TRENNVERFAHREN

Title (fr)

SÉPARATEUR DE LIQUIDE, SYSTÈME DE REFROIDISSEMENT ET PROCÉDÉ DE SÉPARATION GAZ-LIQUIDE

Publication

EP 3943839 A1 20220126 (EN)

Application

EP 20779559 A 20200306

Priority

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- JP 2020009696 W 20200306

Abstract (en)

A liquid separator including a cylindrical closed container in which a refrigerant is stored, a refrigerant inflow pipe that allows the refrigerant to flow into the closed container, and a refrigerant outflow pipe that allows the vapor-phase refrigerant in a space inside the closed container to flow out, in which the refrigerant inflow pipe and the refrigerant outflow pipe are each connected from the upper part of the closed container toward the inside thereof, and the closed container has a short cylindrical shape in which the height is smaller relative to the diameter.

IPC 8 full level

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CPC (source: EP US)

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