

Title (en)
FREEZING DEVICE CONSTRUCTION METHOD AND FREEZING DEVICE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER GEFRIERVORRICHTUNG UND GEFRIERVORRICHTUNG

Title (fr)
PROCEDE DE CONSTRUCTION D'UN DISPOSITIF DE CONGELATION ET DISPOSITIF DE CONGELATION

Publication
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Application
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Abstract (en)
A refrigeration apparatus constituted so that, by using a separation membrane, it can separate and eliminate the noncondensable gas, in a state mixed with a refrigerant inside a refrigerant circuit, which was left inside a refrigerant connecting pipe during on-site construction, wherein the efficiency of separating the noncondensable gas in the separation membrane is improved. An air conditioner (1) comprises a refrigerant circuit (10), wherein a heat source unit (2) and a utilization unit (5) are connected via a refrigerant connecting pipe (6, 7), and is provided with a gas separation apparatus (31). The gas separation apparatus (31) comprises a separation membrane apparatus (34) connected to a liquid side refrigerant circuit (11) that connects a heat source side heat exchanger (23) and a utilization side heat exchanger (51). The separation membrane apparatus (34) comprises a separation membrane (34b) that, by operating a compressor (21) and circulating refrigerant inside the refrigerant circuit (10), can separate from the refrigerant and discharge out of the refrigerant circuit (10) the noncondensable gas remaining in the refrigerant connecting pipe (6, 7).

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