

Title (en)
REFRIGERATION CYCLE APPARATUS

Title (de)
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)
APPAREIL À CYCLE DE RÉFRIGÉRATION

Publication
EP 2667120 A4 20140709 (EN)

Application
EP 11855961 A 20110120

Priority
JP 2011000283 W 20110120

Abstract (en)
[origin: EP2667120A1] A refrigeration cycle apparatus including a main refrigerant circuit, through which a refrigerant circulates through a compressor 1, a heat-source-side heat exchanger 3, a first flow rate control device 4, and a use-side heat exchanger 5, includes a first gas-liquid separator 20; and a foreign-substance recovery container 8 that recovers a foreign substance contained in the refrigerant. A foreign-substance recovery refrigerant circuit that connects the first gas-liquid separator 20 with the foreign-substance recovery container 8 through a first passage opening and closing device 10 is arranged between a suction side of the compressor 1 and the use-side heat exchanger 5, in parallel with the main refrigerant circuit.

IPC 8 full level
F25B 43/00 (2006.01); **F25B 1/00** (2006.01); **F25B 43/02** (2006.01); **F25B 45/00** (2006.01)

CPC (source: EP)
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Citation (search report)
• [XAI] GB 2411712 A 20050907 - MITSUBISHI ELECTRIC CORP [JP]
• [XAI] EP 1933103 A1 20080618 - MITSUBISHI ELECTRIC CORP [JP]
• [XAI] EP 1878984 A1 20080116 - DAIKIN IND LTD [JP]
• See references of WO 2012098582A1

Cited by
CN113432350A; US2021063066A1; US11543162B2

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