

Title (en)  
REFRIGERATION CYCLE DEVICE

Title (de)  
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)  
DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication  
**EP 4012290 B1 20231101 (EN)**

Application  
**EP 19940373 A 20190807**

Priority  
JP 2019031084 W 20190807

Abstract (en)  
[origin: EP4012290A1] A refrigeration cycle apparatus includes a refrigerant circuit in which a compressor, a refrigerant flow switching device, an air-side heat exchanger, an expansion valve, a water-side heat exchanger, and an accumulator are connected by refrigerant pipes and refrigerant is circulated.  $G/A$  is less than or equal to a predetermined threshold  $\chi$ , where  $G$  [L] is a difference in volume between the air-side heat exchanger and the water-side heat exchanger, and  $A$  [L] is a volume of the refrigerant circuit.

IPC 8 full level  
**F25B 1/00** (2006.01); **F25B 13/00** (2006.01); **F25B 41/00** (2021.01); **F25B 41/40** (2021.01)

CPC (source: EP US)  
**F25B 13/00** (2013.01 - EP US); **F25B 41/31** (2021.01 - US); **F25B 41/40** (2021.01 - EP); **F25B 2313/003** (2013.01 - EP); **F25B 2339/047** (2013.01 - EP); **F25B 2500/01** (2013.01 - EP)

Designated contracting state (EPC)  
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