

Title (en)  
AIR CONDITIONING APPARATUS

Title (de)  
KLIMATISIERUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE CONDITIONNEMENT D'AIR

Publication  
**EP 3872423 B1 20240103 (EN)**

Application  
**EP 21158549 A 20210222**

Priority  
JP 2020029489 A 20200225

Abstract (en)  
[origin: EP3872423A1] To provide an air conditioning apparatus capable of reliably performing refrigerant recovery even when the outside temperature is high. An air conditioning apparatus 1 includes an injection pipe 30 connecting an injection port 31 of a compressor 11 and a refrigerant pipe between a first regulating valve 14 and an indoor heat exchanger 21, and an injection regulating valve 32 disposed on the injection pipe 30. A control unit 40 executes a first refrigerant recovery operation including: controlling a four-way valve 12 so that an outdoor heat exchanger 13 serves as a radiator and the indoor heat exchanger 21 serves as an evaporator; operating the compressor 11; fully closing the first regulating valve 14; and controlling the opening degree of the injection regulating valve 32.

IPC 8 full level  
**F25B 49/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP)  
**F25B 49/005** (2013.01); **F25B 49/02** (2013.01); **F25B 2313/02741** (2013.01); **F25B 2400/0409** (2013.01); **F25B 2400/19** (2013.01); **F25B 2500/06** (2013.01); **F25B 2500/221** (2013.01); **F25B 2600/02** (2013.01); **F25B 2600/2501** (2013.01)

Designated contracting state (EPC)  
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