

Title (en)  
AIR-CONDITIONING DEVICE

Title (de)  
KLIMATISIERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CLIMATISATION

Publication  
**EP 3279580 A1 20180207 (EN)**

Application  
**EP 15887665 A 20150403**

Priority  
JP 2015060601 W 20150403

Abstract (en)  
The present invention includes a controller 30 that performs a pump-down operation in which, when a leakage of refrigerant is detected, a flow switching device 11 is switched to a direction of a cooling operation so that refrigerant in a refrigerant main pipe 3 is recovered into a heat-side heat exchanger 12 and an accumulator 14, and in which a refrigerant shutoff device 13, a bypass opening-closing device 15 and operation of a compressor 10 are controlled, and then performs a refrigerant leakage amount reduction operation in which the flow switching device 11 is switched to a direction of a heating operation so that the recovered refrigerant is enclosed in the heat-side heat exchanger 12 and the accumulator 14, and in which the refrigerant shutoff device 13, the bypass opening-closing device 15 and operation of the compressor 10 are controlled.

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

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Designated extension state (EPC)  
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