

Title (en)  
REFRIGERATION DEVICE

Title (de)  
KÜHLVORRICHTUNG

Title (fr)  
DISPOSITIF DE RÉFRIGÉRATION

Publication  
**EP 2848876 A4 20160330 (EN)**

Application  
**EP 13768582 A 20130326**

Priority  
• JP 2012074661 A 20120328  
• JP 2013058687 W 20130326

Abstract (en)  
[origin: EP2848876A1] An air conditioning device (1) in which, during a cooling operation, refrigerant flows sequentially through a compressor (21), an outdoor heat exchanger (23), an expansion mechanism (24), and an indoor heat exchanger (41), and during a heating operation, refrigerant flows sequentially through the compressor (21), the indoor heat exchanger (41), the expansion mechanism (24), and the outdoor heat exchanger (23). The air conditioning device (1) uses R32 as a refrigerant, the capacity of the outdoor heat exchanger (23) is less than or equal to the capacity of the indoor heat exchanger (41), and a refrigerant storage tank (25) configured to store refrigerant is provided between the outdoor heat exchanger (23) and the expansion mechanism (24).

IPC 8 full level  
**F25B 1/00** (2006.01); **F25B 39/00** (2006.01); **F25B 41/04** (2006.01)

CPC (source: EP US)  
**F25B 1/005** (2013.01 - US); **F25B 13/00** (2013.01 - EP US); **F25B 29/003** (2013.01 - US); **F25B 39/00** (2013.01 - EP US); **F25B 41/24** (2021.01 - EP US); **F25B 45/00** (2013.01 - EP US); **F28D 1/0477** (2013.01 - EP US); **F28D 1/05383** (2013.01 - EP US); **F28F 1/32** (2013.01 - EP US); **F25B 9/002** (2013.01 - EP US); **F25B 2345/002** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US); **F25B 2400/23** (2013.01 - EP US); **F28F 2215/12** (2013.01 - EP US)

Citation (search report)  
• [I] JP H08233378 A 19960913 - SANYO ELECTRIC CO  
• See references of WO 2013146731A1

Designated contracting state (EPC)  
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