

Title (en)
AIR CONDITIONING DEVICE

Title (de)
KLIMATISIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CLIMATISATION

Publication
EP 3236168 A4 20180808 (EN)

Application
EP 14908405 A 20141217

Priority
JP 2014083403 W 20141217

Abstract (en)
[origin: EP3236168A1] An air-conditioning apparatus 1 includes at least two outdoor units on each of which a compressor 101 and an outdoor heat exchanger 103 are mounted and at least one indoor unit 200 on which an indoor expansion device and an indoor heat exchanger 201 are mounted, the at least one outdoor unit 100 performs a defrosting operation in which a first expansion device is opened, discharging refrigerant from the compressor 101 is bypassed to the outdoor heat exchanger 103 via a hot-gas bypass pipe 118, a third expansion device is closed, and an opening degree of a second expansion device is regulated while the other outdoor unit 100 is performing a heating operation.

IPC 8 full level
F24F 11/89 (2018.01); **F25B 1/00** (2006.01); **F25B 47/02** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP US)
F24F 11/89 (2017.12 - EP US); **F25B 47/02** (2013.01 - EP); **F25B 49/02** (2013.01 - EP); **F25B 2313/005** (2013.01 - EP); **F25B 2313/0253** (2013.01 - EP); **F25B 2400/0403** (2013.01 - EP); **F25B 2400/13** (2013.01 - EP); **F25B 2600/2509** (2013.01 - EP); **F25B 2600/2513** (2013.01 - EP); **F25B 2700/2113** (2013.01 - EP)

Citation (search report)

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- [Y] EP 2375188 A1 20111012 - HITACHI APPLIANCES INC [JP]
- [A] JP 2002286273 A 20021003 - MITSUBISHI ELECTRIC CORP
- [A] JP 2014211251 A 20141113 - MITSUBISHI ELECTRIC CORP
- [A] JP 2010071544 A 20100402 - MITSUBISHI ELECTRIC CORP
- See references of WO 2016098195A1

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US2022186993A1

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 14908405 A 20141217; JP 2014083403 W 20141217; JP 2016564505 A 20141217