

Title (en)
REFRIGERATION DEVICE

Title (de)
KÜHLVORRICHTUNG

Title (fr)
DISPOSITIF DE RÉFRIGÉRATION

Publication
EP 2801770 B1 20200401 (EN)

Application
EP 12859176 A 20121219

Priority
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Abstract (en)
[origin: EP2801770A1] In an air-conditioning apparatus (1), refrigerant flows sequentially through a compressor (21), an outdoor heat exchanger (23), expansion mechanisms (24, 26), and an indoor heat exchanger (41) during a cooling operation, and refrigerant flows sequentially through the compressor (21), the indoor heat exchanger (41), the expansion mechanisms (26, 24), and the outdoor heat exchanger (23) during a heating operation. The indoor heat exchanger (41) is a cross-fin type heat exchanger, and the outdoor heat exchanger (23) is a stacked heat exchanger. The expansion mechanisms (24, 26) include an upstream-side expansion mechanism for depressurizing refrigerant and a downstream-side expansion mechanism for depressurizing refrigerant that has been depressurized in the upstream-side expansion mechanism, and a refrigerant storage tank (25) for storing refrigerant depressurized by the upstream-side expansion mechanism is provided between the upstream-side expansion mechanism and the downstream-side expansion mechanism.

IPC 8 full level
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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 41/39** (2021.01 - EP); **F25B 43/00** (2013.01 - US); **F25B 41/39** (2021.01 - US); **F25B 2313/02741** (2013.01 - EP US); **F25B 2313/0314** (2013.01 - EP US); **F25B 2400/12** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US); **F25B 2400/23** (2013.01 - EP US)

Citation (examination)
US 2010037647 A1 20100218 - KURIHARA TOSHIYUKI [JP], et al

Cited by
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