

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

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EP4040083A4

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