

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2058609 A1 20090513 (EN)

Application
EP 07792160 A 20070808

Priority
• JP 2007065492 W 20070808
• JP 2006219596 A 20060811

Abstract (en)
An air conditioning apparatus is provided whereby the pressure pulsation generated by a compressor can be entirely reduced both during cooling and during heating, and a muffler can be shared. The air conditioning apparatus (1) is an air conditioning apparatus including a refrigerant circuit (7). The refrigerant circuit (7) is configured so that a compressor (2) for compressing a refrigerant, an indoor heat exchanger (3), an outdoor heat exchanger (4), and a four-way switch valve (5) are connected via a refrigerant pipe (6). The four-way switch valve (5) switches the flow of refrigerant compressed by the compressor (2) to either the indoor heat exchanger (3) or the outdoor heat exchanger (4). The air conditioning apparatus (1) further includes a pressure pulsation reducing component (8). The pressure pulsation reducing component (8) is provided between the four-way switch valve (5) and the indoor heat exchanger (3). The pressure pulsation reducing component (8) reduces pressure pulsation inside the refrigerant circuit (7). The pressure pulsation is generated by the compressor (2).

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F25B 1/00 (2013.01 - KR); **F25B 13/00** (2013.01 - EP KR US); **F25B 41/00** (2013.01 - KR); **F25B 41/40** (2021.01 - EP KR US);
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Citation (search report)
See references of WO 2008018489A1

Cited by
CN110940136A; EP3040653A4; RU2656202C2; RU2677410C1; EP3848651A1; DE102020100445A1; EP3828482A1; US11536499B2; EP3828413A1

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