

Title (en)
REFRIGERATION CYCLE DEVICE

Title (de)
KÜHLKREISLAUFVORRICHTUNG

Title (fr)
DISPOSITIF DE CYCLE DE RÉFRIGÉRATION

Publication
EP 2196745 B1 20171108 (EN)

Application
EP 08855672 A 20081120

Priority
• JP 2008071069 W 20081120
• JP 2007310097 A 20071130

Abstract (en)
[origin: EP2196745A1] A refrigerant cycle apparatus comprising: a compressor 1, a radiator 2, decompression means 3, a heat absorber 4, an internal heat exchanger 5 that performs heat exchange between a refrigerant at an outlet of said radiator and the refrigerant at an outlet of said heat absorber, wherein first temperature detection means 30 for detecting a refrigerant temperature between an outlet of the compressor 1 and an inlet of the radiator 2 and second temperature detection means 31 for detecting the refrigerant temperature between the outlet of the radiator 2 and a high-pressure side inlet of the internal heat exchanger 5 are provided, and an opening degree of decompression means 3 is controlled so that a temperature difference (#T) between a detection temperature by the first temperature detection means 30 and the detection temperature by the second temperature detection means 31 becomes a target value.

IPC 8 full level
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DE102013210175A1; EP2759773A3; EP3112777A1; EP3594587A4; EP2584291A3; US11473819B2; US9958188B2; US9121631B2; EP3204702B1

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