

Title (en)
Refrigeration cycle apparatus

Title (de)
Kältekreislaufvorrichtung

Title (fr)
Appareil de circuit de réfrigération

Publication
EP 2647928 A3 20150805 (EN)

Application
EP 13166596 A 20081120

Priority
• JP 2007310097 A 20071130
• EP 08855672 A 20081120

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.

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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EP 2196745 A1 20100616; EP 2196745 A4 20130213; EP 2196745 B1 20171108; CN 101842645 A 20100922; CN 101842645 B 20121128; CN 102425872 A 20120425; CN 102425872 B 20140625; DK 2196745 T3 20171211; DK 2647925 T3 20170206; DK 2647926 T3 20190107; DK 2647927 T3 20201019; DK 2647928 T3 20161212; EP 2647925 A2 20131009; EP 2647925 A3 20150805; EP 2647925 B1 20161221; EP 2647926 A2 20131009; EP 2647926 A3 20150729; EP 2647926 B1 20181024; EP 2647927 A2 20131009; EP 2647927 A3 20150729; EP 2647927 B1 20200916; EP 2647928 A2 20131009; EP 2647928 A3 20150805; EP 2647928 B1 20161026; ES 2605462 T3 20170314; ES 2611980 T3 20170511; ES 2650233 T3 20180117; ES 2700938 T3 20190220; ES 2823758 T3 20210510; JP 2009133547 A 20090618; JP 4948374 B2 20120606; US 2010205987 A1 20100819; WO 2009069524 A1 20090604

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