

Title (en)
AIR CONDITIONER

Title (de)
KLIMAAANLAGE

Title (fr)
APPAREIL DE CONDITIONNEMENT D AIR

Publication
EP 2458306 A4 20150805 (EN)

Application
EP 10802127 A 20100531

Priority
• JP 2009170959 A 20090722
• JP 2010059183 W 20100531

Abstract (en)
[origin: EP2458306A1] When a defrosting operation is switched to a heating operation, a control unit (32) of an air conditioner (30) instructs a four-way valve (10) to switch and revolves a compressor (11) at a first number of revolutions, in the case where the outdoor air temperature detected by a temperature sensor (12) is a predetermined reference value or less. In contrast, when the detected outdoor air temperature is higher than the reference value, the control unit (32) sets the number of revolutions of the compressor (11) to a second number of revolutions smaller than the first number of revolutions and causes the heating operation to start. Preferably, the first number of revolutions is the maximum number of revolutions that can be set, and the second number of revolutions is set based on the number of revolutions of the compressor (11) in a heating operation immediately before the defrosting operation is started.

IPC 8 full level
F25B 47/02 (2006.01); **F24F 11/02** (2006.01)

CPC (source: EP)
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Citation (search report)
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• [Y] JP S59145455 A 19840820 - DAIKIN IND LTD
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• See references of WO 2011010506A1

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Designated contracting state (EPC)
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