

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
APPAREIL DE CONDITIONNEMENT D AIR

Publication
EP 2458306 A1 20120530 (EN)

Application
EP 10802127 A 20100531

Priority
• JP 2009170959 A 20090722
• JP 2010059183 W 20100531

Abstract (en)
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
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CPC (source: EP)
F25B 47/025 (2013.01); **F24F 11/43** (2017.12); **F25B 2313/0314** (2013.01); **F25B 2500/31** (2013.01); **F25B 2600/0252** (2013.01); **F25B 2700/2104** (2013.01); **F25B 2700/2106** (2013.01)

Cited by
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DOCDB simple family (publication)
EP 2458306 A1 20120530; **EP 2458306 A4 20150805**; CN 102472539 A 20120523; CN 102472539 B 20140709; JP 2011027286 A 20110210; JP 4836212 B2 20111214; WO 2011010506 A1 20110127

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