

Title (en)  
Air conditioner

Title (de)  
Klimaanlage

Title (fr)  
Dispositif de conditionnement d'air

Publication  
**EP 1087184 B1 20050504 (EN)**

Application  
**EP 00307919 A 20000913**

Priority  
JP 27036299 A 19990924

Abstract (en)  
[origin: EP1087184A2] A refrigerant circulation circuit circulates a refrigerant discharged from a compressor (1) through a condenser (3) to an evaporator (5). A current sensor (15) detects an operating current for the compressor (1). A microcomputer (7) judges an operating condition of the compressor (1) based on a result detected by the current sensor (15). Driving means (17b, 19a, 19b, 20) receive an instruction from the microcomputer (7) to drive the compressor (1). A high-pressure switch (8) is connected in series to the electric circuit of the driving means and is operable based on a discharge pressure of the compressor (1). The microcomputer (7) judges absence or presence of operation of the high-pressure switch (8) based on the result detected by the current sensor (15). <IMAGE>

IPC 1-7  
**F24F 11/00**

IPC 8 full level  
**F24F 11/02** (2006.01); **F24F 11/00** (2006.01); **F25B 49/00** (2006.01); **F25B 13/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP US)  
**F24F 11/83** (2017.12 - EP); **F24F 11/84** (2017.12 - EP US); **F25B 49/005** (2013.01 - EP); **F24F 2140/12** (2017.12 - EP); **F24F 2140/50** (2017.12 - EP); **F25B 13/00** (2013.01 - EP); **F25B 49/022** (2013.01 - EP); **F25B 2700/151** (2013.01 - EP)

Cited by  
US2016231039A1; US7905098B2; CN106288404A; EP3450882A1; EP3054229A1; EP2955378A3; CN105298817A; AU2015202553B2; US10558229B2; US9823632B2; US9651286B2; US9762168B2; US10458404B2; US9876346B2; US10352602B2; US9765979B2; US10060636B2; US10443863B2; US9703287B2; US10234854B2; US10884403B2; US9638436B2; US10028399B2; US10274945B2; US10485128B2; US9669498B2; US9885507B2; US10335906B2; US10488090B2; US10775084B2

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