

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Dispositif de conditionnement d'air

Publication
EP 1055885 A2 20001129 (EN)

Application
EP 00110895 A 20000523

Priority
JP 14523199 A 19990525

Abstract (en)
In order to stabilize room temperature by adjusting heating capability, intermittent operation of a compressor 1 is performed with operation time of compressor 1 temporarily made longer at a prescribed timing, so that determination as to whether outdoor heat exchanger 5 is frosted or not can be made with high accuracy. Therefore, idle defrosting operation is prevented and defrosting operation is performed without fail when necessary. Therefore, heating efficiency is improved. <IMAGE>

IPC 1-7
F24F 11/00; **F25B 47/02**

IPC 8 full level
F24F 11/02 (2006.01); **F24F 11/00** (2006.01); **F25B 47/02** (2006.01); **F25B 49/02** (2006.01); **F25B 13/00** (2006.01); **F25D 21/00** (2006.01)

CPC (source: EP US)
F24F 11/30 (2017.12 - EP); **F24F 11/65** (2017.12 - EP US); **F25B 47/025** (2013.01 - EP); **F25B 49/022** (2013.01 - EP); **F24F 11/41** (2017.12 - EP); **F25B 13/00** (2013.01 - EP); **F25B 49/025** (2013.01 - EP); **F25B 2600/0251** (2013.01 - EP); **F25D 21/002** (2013.01 - EP)

Citation (applicant)
• JP S59181973 A 19841016 - TOSHIBA KK
• JP S60105563 A 19850611 - FUJITSU LTD

Cited by
US9182134B2; US10591195B2; WO2017037747A1; US7164242B2; US7193826B2; US7096681B2; US7075268B2

Designated contracting state (EPC)
DE ES IT

DOCDB simple family (publication)
EP 1055885 A2 20001129; **EP 1055885 A3 20020403**; **EP 1055885 B1 20060329**; AU 3634900 A 20001130; AU 768701 B2 20040108; CN 1135336 C 20040121; CN 1275698 A 20001206; DE 60026898 D1 20060518; DE 60026898 T2 20070315; ES 2259955 T3 20061101; JP 2000337682 A 20001208; JP 3609286 B2 20050112

DOCDB simple family (application)
EP 00110895 A 20000523; AU 3634900 A 20000522; CN 00108937 A 20000522; DE 60026898 T 20000523; ES 00110895 T 20000523; JP 14523199 A 19990525