

Title (en)

Method of controlling heating operation in an air conditioner

Title (de)

Verfahren zur Steuerung des Heizbetriebs in einer Klimaanlage

Title (fr)

Procédé de commande de l'opération de chauffage dans un conditionneur d'air

Publication

**EP 1342961 B1 20070307 (EN)**

Application

**EP 02255268 A 20020729**

Priority

KR 20020011607 A 20020305

Abstract (en)

[origin: EP1342961A1] Disclosed is a method of controlling a heating operation in an air conditioner enabling rapid supply of heating air to cope with the demanded temperature at the early stage of operation. An air conditioner including a compressor, a first heat exchanger, a second heat exchanger, a refrigerant, a first blow fan at a side of the first heat exchanger, a second blow fan, and a wind-direction control member, includes a power heating mode supplying a heating air by varying a blow quantity of the refrigerant, an airflow, and the wind direction in accordance with an operation time so as to raise room temperature quickly and clear a room temperature difference fast and a normal heating mode supplying the heating air with a uniform airflow and a uniform wind direction until a user-requested temperature is attained.

IPC 8 full level

**F24F 11/00** (2006.01); **F24F 11/02** (2006.01)

CPC (source: EP US)

**F24F 11/70** (2017.12 - EP); **F24F 11/86** (2017.12 - EP US); **F24F 2221/54** (2013.01 - EP)

Cited by

CN104713202A; EP3708925A1; US11326805B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1342961 A1 20030910**; **EP 1342961 B1 20070307**; CN 1228581 C 20051123; CN 1442640 A 20030917; DE 60218627 D1 20070419; DE 60218627 T2 20071122; JP 2003254584 A 20030910; JP 3732809 B2 20060111; KR 100474892 B1 20050308; KR 20030072063 A 20030913

DOCDB simple family (application)

**EP 02255268 A 20020729**; CN 02127194 A 20020730; DE 60218627 T 20020729; JP 2002215075 A 20020724; KR 20020011607 A 20020305