

Title (en)

Method for operating an air conditioner

Title (de)

Verfahren zum Betreiben einer Klimaanlage

Title (fr)

Procédé de commande d'un système de conditionnement d'air

Publication

EP 1684030 A2 20060726 (EN)

Application

EP 05027101 A 20051212

Priority

KR 20040105329 A 20041214

Abstract (en)

Disclosed herein is a method for operating an air conditioner which is capable of achieving the effective operation of a plurality of indoor units. The method comprises the steps of: a) receiving operating state information of the indoor units connected to one outdoor unit; b) determining whether or not the amount of refrigerant to be distributed into the indoor units needs to be regulated, based on the operating state information of the indoor units; and c) regulating the amount of the refrigerant to be distributed into the indoor units.

IPC 8 full level

F24F 11/00 (2006.01); **F25B 13/00** (2006.01)

CPC (source: EP KR US)

F24F 11/30 (2017.12 - EP US); **F24F 11/54** (2017.12 - KR); **F24F 11/83** (2017.12 - EP US); **F24F 11/84** (2017.12 - EP KR US);
F25B 13/00 (2013.01 - EP KR US); **F25B 41/31** (2021.01 - KR); **F24F 2110/10** (2017.12 - EP KR US); **F24F 2140/00** (2017.12 - EP KR US);
F24F 2140/20 (2017.12 - KR); **F24F 2140/50** (2017.12 - KR); **F25B 2313/02331** (2013.01 - EP KR US); **F25B 2313/02334** (2013.01 - EP KR US);
F25B 2600/2513 (2013.01 - EP KR US)

Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

US 2006123810 A1 20060615; CN 1789845 A 20060621; DE 602005011094 D1 20090102; EP 1684030 A2 20060726;
EP 1684030 A3 20061129; EP 1684030 B1 20081119; KR 100640856 B1 20061102; KR 20060066838 A 20060619

DOCDB simple family (application)

US 29967905 A 20051213; CN 200510129656 A 20051214; DE 602005011094 T 20051212; EP 05027101 A 20051212;
KR 20040105329 A 20041214