

Title (en)

Operation control method for unitary air conditioner

Title (de)

Betriebssteuerungsverfahren einer einheitlichen Klimaanlage

Title (fr)

Procédé de régulation du fonctionnement d'un conditionneur d'air unitaire

Publication

**EP 1626230 B1 20110810 (EN)**

Application

**EP 05101612 A 20050302**

Priority

KR 20040064106 A 20040814

Abstract (en)

[origin: EP1626230A2] The present invention discloses an operation control method for a unitary air conditioner. The present invention improves the load response capabilities of compressors by operating them at three-stages of the maximum operation, minimum operation and intermediate operation using one or more compressors, and improves the energy efficiency and the amenity by determining the three-stage operation mode based on the previous operation status.

IPC 8 full level

**F25B 49/02** (2006.01); **F24F 11/00** (2006.01)

CPC (source: EP KR US)

**F24F 11/30** (2017.12 - EP KR US); **F24F 11/62** (2017.12 - EP KR US); **F24F 11/65** (2017.12 - KR); **F25B 13/00** (2013.01 - KR); **F25B 49/022** (2013.01 - EP KR US); **F24F 11/65** (2017.12 - EP US); **F24F 2110/10** (2017.12 - KR); **F25B 13/00** (2013.01 - EP US); **F25B 2400/0751** (2013.01 - EP KR US); **F25B 2600/0251** (2013.01 - EP KR US); **F25B 2700/2104** (2013.01 - EP KR US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1626230 A2 20060215**; **EP 1626230 A3 20070124**; **EP 1626230 B1 20110810**; CN 1734384 A 20060215; CN 1734384 B 20100929; KR 100619733 B1 20060908; KR 20060015381 A 20060217; US 2006032252 A1 20060216

DOCDB simple family (application)

**EP 05101612 A 20050302**; CN 200510006273 A 20050127; KR 20040064106 A 20040814; US 2864605 A 20050105