

Title (en)

APPARATUS FOR CONTROLLING DRIVING OF AIR CONDITIONER

Title (de)

VORRICHTUNG ZUR STEUERUNG DER ANSTEUERUNG EINER KLIMATISIERUNGSVORRICHTUNG

Title (fr)

APPAREIL D'ENTRAÎNEMENT D'UN CONDITIONNEUR D'AIR

Publication

**EP 2076959 A1 20090708 (EN)**

Application

**EP 07808427 A 20070921**

Priority

- KR 2007004660 W 20070921
- KR 20060092527 A 20060922

Abstract (en)

[origin: WO2008035950A1] An apparatus for controlling a driving of an air conditioner having a compressor driving motor, comprises: a controlling module implemented by integrating one or more main devices including an inverter, a converter, a switch mode power supply (SMPS), and a controlling circuit for controlling each component; and a peripheral device portion including a smoothening capacitor, an electromagnetic interference (EMI) coil, an EMI capacitor, a positive temperature coefficient (PTC), a relay, etc, and separately disposed from the controlling module. The peripheral device portion is disposed on the same plane as the controlling module, or is disposed on the controlling module in a layered form, thereby receiving a controlling signal and power from the controlling module. The peripheral device portion is configured in a package form with the controlling module.

IPC 8 full level

**H02M 7/48** (2007.01)

CPC (source: EP KR)

**F25B 49/025** (2013.01 - EP KR); **H02M 7/003** (2013.01 - EP KR); **F25B 2600/021** (2013.01 - EP KR); **F25B 2600/024** (2013.01 - KR); **H02M 1/0085** (2021.05 - EP); **Y02B 30/70** (2013.01 - EP KR)

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008035950 A1 20080327**; EP 2076959 A1 20090708; EP 2076959 A4 20100203; KR 101300273 B1 20130823; KR 20080027076 A 20080326

DOCDB simple family (application)

**KR 2007004660 W 20070921**; EP 07808427 A 20070921; KR 20060092527 A 20060922