

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 A4 20100203 (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)

Citation (search report)

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- [X] WO 2005028242 A1 20050331 - BOMBARDIER TRANSP GMBH [DE], et al
- [X] US 5598328 A 19970128 - DORE CHRISTOPHE [FR]
- See references of WO 2008035950A1

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DE FR GB

DOCDB simple family (publication)

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