

Title (en)

Outdoor unit for use in air conditioner

Title (de)

Ausseneinheit für eine Klimaanlage

Title (fr)

Unité extérieure pour un système de conditionnement d'air

Publication

**EP 1500882 A3 20060816 (EN)**

Application

**EP 04016998 A 20040719**

Priority

JP 2003277431 A 20030722

Abstract (en)

[origin: EP1500882A2] An outdoor unit of an air conditioner includes an outdoor blower, a compressor for compressing a coolant and an electronic module having circuit components incorporated in a sealed housing. The circuit components have at least a converter circuit unit for driving the compressor, an inverter circuit unit and a control circuit unit, and the electronic module is disposed in an airflow path formed by the outdoor blower.

IPC 8 full level

**F24F 1/00** (2011.01); **F24F 13/20** (2006.01)

CPC (source: EP)

**F24F 1/20** (2013.01); **F24F 1/22** (2013.01); **F24F 2013/207** (2013.01)

Citation (search report)

- [X] GB 2304400 A 19970319 - TOSHIBA KK [JP]
- [A] US 5294195 A 19940315 - AMR YEHIA M [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08 6 August 2003 (2003-08-06)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08 6 August 2003 (2003-08-06)

Cited by

US2015059389A1; WO2006082779A1; US11371738B2; JP2006214635A; JP2006214633A; JP2006214632A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1500882 A2 20050126; EP 1500882 A3 20060816; EP 1500882 B1 20121017**; CN 1266423 C 20060726; CN 1576729 A 20050209; ES 2397008 T3 20130304

DOCDB simple family (application)

**EP 04016998 A 20040719**; CN 200410070973 A 20040721; ES 04016998 T 20040719