

Title (en)

Electric blower and electric apparatus equipped therewith

Title (de)

Elektrogebläse und damit ausgerüstetes Elektrogerät

Title (fr)

Souffleur électrique et appareil électrique équipé dudit souffleur

Publication

**EP 1479335 B1 20100310 (EN)**

Application

**EP 04252453 A 20040428**

Priority

- JP 2003141344 A 20030520
- JP 2003201695 A 20030725

Abstract (en)

[origin: EP1479335A2] By arranging a power device or devices on the outer face of a partition wall such as a linking portion (flange portion) constituting a flow passage between the exhaust port (22) of a centrifugal fan (4) and a motor (2), the power device or devices can be efficiently cooled without disturbing the air flow in an air channel within a case (5) and without increasing in pressure loss of the air channel. Moreover, the power device or devices are not affected by heat from the motor since they are positioned farther upstream than the motor (2), in the air flow from the centrifugal fan (4).

IPC 8 full level

**A47L 9/22** (2006.01); **A47L 5/22** (2006.01); **F04D 25/08** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)

**A47L 5/22** (2013.01 - EP US); **A47L 9/22** (2013.01 - EP US); **F04D 25/06** (2013.01 - EP US); **F04D 29/5813** (2013.01 - EP US); **F04D 29/5853** (2013.01 - EP US)

Cited by

ITTO20080960A1; EP2169236A1; EP2924294A3; CN104948478A; US9709068B2; US9537363B2; US9732766B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1479335 A2 20041124**; **EP 1479335 A3 20060531**; **EP 1479335 B1 20100310**; CN 100545462 C 20090930; CN 1573121 A 20050202; DE 602004025874 D1 20100422; US 2004231090 A1 20041125

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