

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 A2 20041124 (EN)

Application

EP 04252453 A 20040428

Priority

- JP 2003141344 A 20030520
- JP 2003201695 A 20030725

Abstract (en)

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 1-7

A47L 9/22

IPC 8 full level

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CPC (source: EP US)

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Cited by

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

Designated contracting state (EPC)

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