

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 A3 20060531 (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)

Citation (search report)

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- [A] EP 0874442 A2 19981028 - EMERSON ELECTRIC CO [US]
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- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06 4 June 2002 (2002-06-04)

Cited by

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DOCDB simple family (application)

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