

Title (en)

Motor blower and electric vacuum cleaner using same

Title (de)

Motorgebläse und elektrischer Staubsauger damit

Title (fr)

Ventilateur électrique et aspirateur électrique l'utilisant

Publication

**EP 2000070 B1 20120201 (EN)**

Application

**EP 08251979 A 20080606**

Priority

JP 2007151937 A 20070607

Abstract (en)

[origin: EP2000070A2] A motor blower (1) includes an electric motor (4) having a rotating shaft (3), a centrifugal blower (2) having a plurality of blower blades (34) and attached to the rotating shaft (3) of the electric motor (4), and a diffuser (21) having a plurality of diffuser blades (25) each of which is positioned at an outer peripheral portion of the centrifugal blower (21) so as to be opposed to air outlet portions formed to a circumferential surface of the centrifugal blower (21). Each of the blower blades (34) has a front end portion (34b) which is formed to almost linearly incline from one end portion toward another end portion of the blower blade (34). Due to the above structure, the motor blower (2) and the electric vacuum cleaner using the motor blower (2) can suppress or reduce a generation of abnormal noise even under operational conditions of low airflow rate and high frequency region.

IPC 8 full level

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CPC (source: EP KR)

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Cited by

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