

Title (en)  
Blower and cleaner including the same

Title (de)  
Gebläse und Staubsauger mit demselben

Title (fr)  
Soufflante et aspirateur avec la même

Publication  
**EP 1731070 A1 20061213 (EN)**

Application  
**EP 06000423 A 20060110**

Priority  
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Abstract (en)  
A blower (30) designed to reduce noise generated between impeller blades (41) and diffuser blades (61) positioned around the impeller blades (41) upon rotation of an impeller (40), and a cleaner including the same are disclosed. The diffuser blades (61) are non-uniformly spaced from each other in a circumferential direction such that interaction between the plurality of impeller blades (41) and the plurality of diffuser blades (61) become irregular upon rotation of the impeller (40). Distances between the impeller blades (41) and the diffuser blades (61) are non-uniform. With this construction, the blower and the cleaner are reduced in BPF noise, thereby enhancing performance thereof.

IPC 8 full level  
**A47L 5/22** (2006.01); **F04D 29/44** (2006.01)

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Citation (applicant)  
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