

Title (en)  
Blower

Title (de)  
Lüfter

Title (fr)  
Ventilateur

Publication  
**EP 1574716 A1 20050914 (EN)**

Application  
**EP 05004577 A 20050302**

Priority  
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Abstract (en)  
It is an object of the present invention to provide a blower having a plurality of blades (4) radially disposed between a hub (3) and a shroud (5), in which a separation region of air from a negative pressure surface of the blade (4) can further be reduced. An outer periphery of the negative pressure surface of the blade (4) is formed with a substantially half-wing shaped projection (8). Airflow which is once separated again adheres to the projection (8) and flows along the blade (4), turbulence on the discharge side is reduced, noise is reduced, and volume of air is increased. <IMAGE>

IPC 1-7  
**F04D 29/28**

IPC 8 full level  
**F04D 29/28** (2006.01); **F04D 29/30** (2006.01)

CPC (source: EP)  
**F04D 29/282** (2013.01); **F04D 29/30** (2013.01); **F05D 2240/304** (2013.01)

Citation (search report)

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- [X] DE 20016414 U1 20010104 - IND TECH RES INST [TW]
- [A] US 2002064460 A1 20020530 - CHIEN HUAN-JAN [TW]
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