

Title (en)
Blower

Title (de)
Lüfter

Title (fr)
Ventilateur

Publication
EP 1574716 B1 20080813 (EN)

Application
EP 05004577 A 20050302

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Abstract (en)
[origin: EP1574716A1] 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 8 full level
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CPC (source: EP)
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Cited by
EP2363609A1; US9267510B2; CN102374192A; EP2003340A4; WO2017061540A1; US8215916B2; US10634162B2; DE102010009566A1; DE102010009566A9; DE102010009566A9; DE202009018770U1; US8932019B2; DE202010018509U1; EP2218917A1; US8454317B2

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