

Title (en)

Radial fan for a gas burner

Title (de)

Radialgebläse für einen Gasbrenner

Title (fr)

Ventilateur radial pour un brûleur à gaz

Publication

EP 1528259 B1 20061129 (DE)

Application

EP 03400066 A 20031031

Priority

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Abstract (en)

[origin: EP1528259A1] The radial fan for a gas burner has an impeller (15) with side walls (12) covering its axial ends. A partition (23) is installed one of the side walls and divides the inner cavity of the impeller into a first (V1) and a second suction chamber. The first suction chamber has a suction opening for outside air, and a feed opening for direct combustion feed is located close to the suction opening in the vacuum region of the first suction chamber. A sealing device is provided in the lead-through for the drive shaft, and for drawing off gas residual volumes reaching through the sealing device a suction line extends into a vacuum region of the first suction chamber.

IPC 8 full level

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CPC (source: EP)

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Cited by

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