

Title (en)

RADIAL FAN AND A HIGH-PRESSURE CLEANING DEVICE HAVING A RADIAL FAN

Title (de)

RADIALGEBLÄSE UND MIT EINEM RADIALGEBLÄSE VERSEHENES HOCHDRUCK-REINIGUNGSGERÄT

Title (fr)

SOUFFLANTE RADIALE ET NETTOYEUR À HAUTE PRESSION POURVU D'UNE SOUFFLANTE RADIALE

Publication

EP 2104787 A1 20090930 (DE)

Application

EP 07819773 A 20071113

Priority

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Abstract (en)

[origin: DE102006061756A1] The blower (9) has a housing (11) accommodating a rotor disk, and a partition wall arranged at side walls. The partition wall engages into the rotor disk, where an inner space of the partition wall is divided into suction chambers (V1, V2). A circumferential wall region (19) is curved from an outlet wall region (22) in an S-shape. A curved region (24) forms a flow conducting element for airflow returned to one of the suction chambers. An outlet region (21) is extended in an outlet flow direction to a diffuser in cross sections. The housing is made of plastic or metal.

IPC 8 full level

F04D 17/04 (2006.01); **F04D 17/16** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)

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Citation (search report)

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