

Title (en)
VENTILATOR AIR FLOW REGULATION ARRANGEMENT

Publication
EP 0185900 B1 19890524 (DE)

Application
EP 85114200 A 19851107

Priority
DE 3441295 A 19841112

Abstract (en)
[origin: EP0185900A1] 1. Device for ventilators (1) in ventilator systems with suction connection pieces (6) integrated within the ventilator casing (2), especially for radial ventilators, for regulating the air volume flow of the ventilator, whereby the induction, in which the wall which separates the inlet chamber (7) from the pressure chamber (5), has one or several openings (12) aligned in it, the area of cross-section of which can be varied using the flaps (13, 14) fitted to the openings, and whereby the flaps are adjustable via rods, characterized by the fact, that the openings (12) are aligned with the suction connection pieces (6), whereby the suction connection pieces (6) from the sole casing wall between the inlet chamber (7) and the pressure chamber (5), that the flaps (13) and their adjusting rods are aligned in the pressure chamber (5) within the casing (2) and that the front edges of the blades of the flaps (13) insert into the inside of the pressure chamber (5) roughly paralel to the axes of the flaps when the openings (12) are opened, and remain in front of the axes fo the flaps (13), seen from the direction (arrow) of the bucket wheel (3).

IPC 1-7
F04D 29/46

IPC 8 full level
F04D 29/46 (2006.01)

CPC (source: EP)
F04D 27/009 (2013.01); **F05D 2250/51** (2013.01)

Cited by
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Designated contracting state (EPC)
AT CH FR IT LI

DOCDB simple family (publication)
EP 0185900 A1 19860702; EP 0185900 B1 19890524; AT E43409 T1 19890615; DE 3441295 A1 19860612; DE 3441295 C2 19870129

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