

Title (en)

INDUCING DEVICE FOR AIR FROM VENTILATING OR AIR CONDITIONING SYSTEMS

Publication

EP 0104435 B1 19861120 (DE)

Application

EP 83108323 A 19830824

Priority

DE 3235199 A 19820923

Abstract (en)

[origin: EP0104435A2] 1. A device for introducing air from ventilation or air-conditioning installations into spaces of buildings, consisting of a housing (1) having a blowing passage which bundles the air current in nozzle form and having adjustable guide blades (2) in the air current, characterised in that in the housing (1) there is formed a twist passage (8) of disc form through which flow can take place radially from the edge zone to the middle zone, in which the guide blades (2) are arranged in ring form and are adjustable between a radial position and an at least nearly tangential position, in that the middle zone of the twist passage (8) is adjoined in the direction of its axis of twist by a nozzle passage (9) which is formed on the entry side by a housing nozzle (5) of funnel form and on the exit side by a housing widening (6) of funnel form, and in that a distributor ring (7) with a middle opening (11) is arranged with an axial spacing in the direction of flow behind the exit opening edge (10) of the housing widening (6), which distributor ring covers the exit cross-section of the housing widening (6) with a part of its radial extent.

IPC 1-7

F24F 13/08; F24F 13/06

IPC 8 full level

F24F 13/06 (2006.01); **F24F 13/08** (2006.01)

CPC (source: EP)

F24F 13/06 (2013.01)

Cited by

CN103453645A; RU172716U1; CN103453632A; CN103453633A; CN103453642A; CN106546036A; DE3936094A1; DE3936094C2; CN104456888A; WO2022017046A1

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