

Title (en)

Rectangular air outlet for a room air conditioning system.

Title (de)

Rechteckiger Luftauslass für Raumklima-Anlagen.

Title (fr)

Echappement d'air de forme rectangulaire pour un dispositif de climatisation.

Publication

EP 0149752 A1 19850731 (DE)

Application

EP 84114084 A 19841122

Priority

CH 27784 A 19840123

Abstract (en)

[origin: ES8603056A1] A rectangular box shaped air distributor (6) at the outlet of an overhead air duct (1) is divided into sections by cross partitions (4). Inside each section is a set of adjustable blades (13) for controlling air distribution. Each blade is a double blade with its two parts projecting at an angle to each other from a pivot spindle (12). - Each line of double blades is connected to the spindle (12) extending the length of the distributor, and adjusted externally. The spindles are parallel and equally spaced each side of a central parallel rod (16) with specified gaps (a,b) between the middle rods.

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Abstract (de)

Als raumseitige Leitelemente in dem an der Austrittsebene (2) eines Raumes angeordneten Luftauslass (4) sind Lamellen vorgesehen, die aus zwei unter einem Winkel zueinander stehenden, an eine Achse (12) angesetzten Flügeln (13) bestehen; die Lamellen sind in eine bestimmte Winkelstellung für die Flügel (13) einstellbar und mit Hilfe von Schraubverbindungen (15) fixierbar. Die Strömungsverteilung der aus dem Luftauslass (4) austretenden Luft über den ganzen Raum wird durch Form und Anordnung der Lamellen verbessert und die Lage der einzelnen Luftstrahlen stabilisiert. Durch Einstellung der Winkelstellung der Lamellenflügel (13) ist eine individuelle Anpassung der aus dem Luftauslass (4) austretenden Luftstromung an den gegebenen Raum möglich.

IPC 1-7

F24F 13/075

IPC 8 full level

F24F 13/068 (2006.01); **F24F 13/075** (2006.01)

CPC (source: EP US)

F24F 13/075 (2013.01 - EP US)

Citation (search report)

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- [A] US 3715971 A 19730213 - MOYER L

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EP 0149752 A1 19850731; **EP 0149752 B1 19880120**; AT E32139 T1 19880215; CH 662171 A5 19870915; DE 3468933 D1 19880225; ES 538148 A0 19851201; ES 8603056 A1 19851201; JP S60159550 A 19850821; US 4693176 A 19870915; ZA 85361 B 19860827

DOCDB simple family (application)

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