

Title (en)
Air diffuser

Title (de)
Luftstromverteiler

Title (fr)
Diffuseur d'air

Publication
EP 1291590 A2 20030312 (EN)

Application
EP 02078023 A 20020724

Priority
FI 20011765 A 20010906

Abstract (en)
An air diffuser is provided for rooms and similar spaces, the diffuser being intended for mounting at the end of an air duct ending on the surface of a wall, ceiling or similar structure, and the air diffuser comprising a diagonal bridge (1) or a similar member with a hollow-cavity flow control disc (3) affixed thereto, and a diffuser body, whereby the flow control disc has an actuator (4) connected thereto for moving the flow control disc between two limit positions called the minimum-opening position and the maximum-opening position. The invention is implemented by way of using as the actuator a stepper motor (4) mounted in the hollow cavity of the flow control disc (3) and having its shaft equipped with an outer thread which cooperates with a compatible inner thread made in a central hole of the diagonal bridge member (1) of the diffuser.

IPC 1-7
F24F 13/062

IPC 8 full level
F24F 13/062 (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP)
F24F 13/062 (2013.01); **F24F 2013/1433** (2013.01)

Citation (applicant)
FI 20001464 A 20011221 - FLAEKT OY [FI]

Cited by
EP2703743A1; NL2004636C2; EP2383526A3

Designated contracting state (EPC)
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