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(54) Air diffuser

(57) 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.

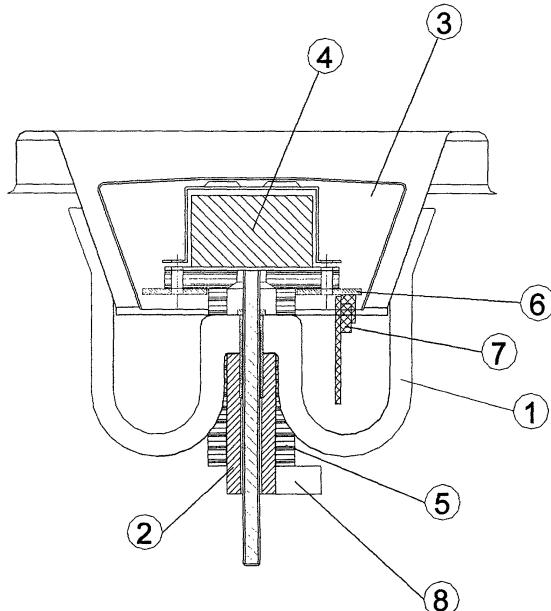


Fig. 1



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			TECHNICAL FIELDS SEARCHED (IPC)
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3	The present search report has been drawn up for all claims		
Place of search		Date of completion of the search	Examiner
Munich		26 September 2006	Valenza, Davide
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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