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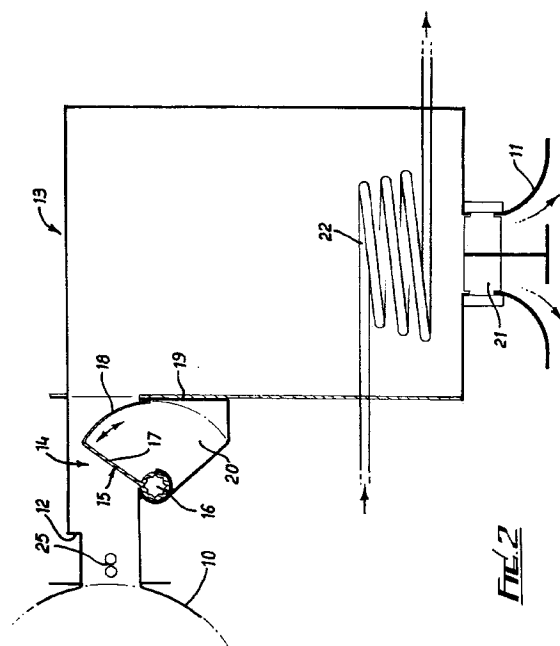
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(54) **Ventilation apparatus.**

(57) A ventilation duct (10) discharges air through a diffuser (11) into a room. The diffuser (11) is connected to the duct (10) via a plenum chamber (13) and a variable constriction valve (14). The valve (14) is located between the duct (10) and the plenum chamber (13). The valve (14) may have a flap with a flat upstream surface (17) and a downstream surface (18) which is convexly curved away from the upstream surface (17). An automatic control system (42) may be provided to adjust the valve in dependence on temperature or pressure. Two ducts (100, 110) may be connected to the same diffuser (101), one duct supplying cold air and the other hot air so that the ventilation temperature can be adjusted.





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number

EP 91 30 6217

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	US-A-4 637 546 (DEMEYER)  * column 4, line 57 - column 5, line 35; figure 1 *	1, 2, 5-7, 10	F24F11/04 F24F3/052
Y	---	11-13	
A	---	8	
Y	US-A-3 937 398 (WAELONER ET AL.) * column 5, line 29 - column 6, line 11; figure 1 *	11-13	
A	---	8	
A	EP-A-0 183 987 (GEBRÜDER TROX) * abstract; figure 1 *	3, 4	
A	---	14	
A	US-A-3 026 041 (JENTOFT) * column 2, line 22 - line 36; figure 1 *		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F24F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 SEPTEMBER 1992	Examiner PESCHEL G.
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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  .....  &amp; : member of the same patent family, corresponding document</p>			

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