

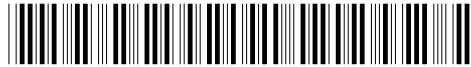


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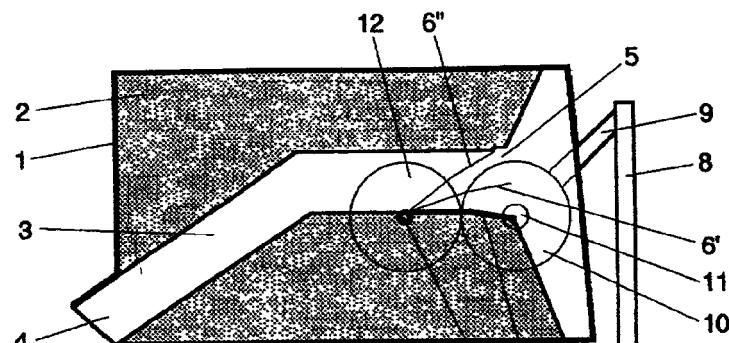
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(54) Ventilating device with a slotted duct closable by a pivotable valve element

(57) A ventilating device comprising a housing substantially elongated in the width direction and provided with a slotted ventilating duct which terminates at one end in an outer mouth breaking through a first housing wall part and at its other end in an inner mouth breaking through a second housing wall part, which ventilating duct is at least partly bounded by plate-shaped elements, including a pivotally arranged valve element which is arranged near the inner mouth and can be brought by an operating mechanism from an open posi-

tion in which the passage of the ventilating duct is at its maximum, via a number of intermediate positions to a position closing the ventilating duct, which valve element is of such design that when the valve element is in an intermediate position the duct passage, viewed in a direction from the outer mouth to the inner mouth, is gradually, that is to say substantially steplessly, reduced by the valve element, as compared with the passage in the open position.





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EUROPEAN SEARCH REPORT

Application Number
EP 00 20 0409

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.7)
X	DE 31 20 694 A (BAUERSACHS GERHARD DIPL WIRTSC) 16 December 1982 (1982-12-16) * abstract; figures 1-7 * * page 13, paragraph 8 - page 22, paragraph 2 * ---	1,9	F24F13/18 E06B7/02
X	GB 2 309 776 A (ZWAAN ADRIANUS J) 6 August 1997 (1997-08-06) * abstract; figures 1,2 * * page 4, paragraph 2 - page 9, paragraph 1 * ---	1	
A	DE 933 227 C (KRISCHNER KARL) 22 September 1955 (1955-09-22) * figures 1-4 * * page 2, line 29 - line 87 * ---	1,2	
A	DE 196 46 842 A (FICKENSCHER GEALAN WERK GMBH) 14 May 1998 (1998-05-14) * abstract; figures 1-5 * -----	2	TECHNICAL FIELDS SEARCHED (Int.Cl.7) F24F E06B
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	6 July 2000	Yousufi, S	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		
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O : non-written disclosure	L : document cited for other reasons		
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 20 0409

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.

06-07-2000

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 3120694	A	16-12-1982	NONE		
GB 2309776	A	06-08-1997	NL 1002145 C DE 19701444 A	29-07-1997 30-10-1997	
DE 933227	C		NONE		
DE 19646842	A	14-05-1998	WO 9821436 A LT 99053 A,B PL 333354 A	22-05-1998 27-09-1999 06-12-1999	