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(54) **Ventilator which is closable to inhibit spread of smoke and fire.**

(57) A ventilator comprises: a panel (1) having at least one ventilation opening; at least one shutter (4) movably mounted on the panel, the shutter or shutters in a first position allowing flow of air through the ventilation opening or openings and in a second position closing the opening or openings; means, such as electromagnetic means (15), for holding the shutter or shutters in said first position; means (13) for holding the shutter or shutters in said second position; means, such as springs (14), for effecting movement of the shutter or shutters from said first position to said second position; and sealing means (5,6,11,12,13) which when the shutter or shutters are in said second position cooperate with the shutter and the panel to provide a seal extending substantially completely around the ventilation opening or openings.

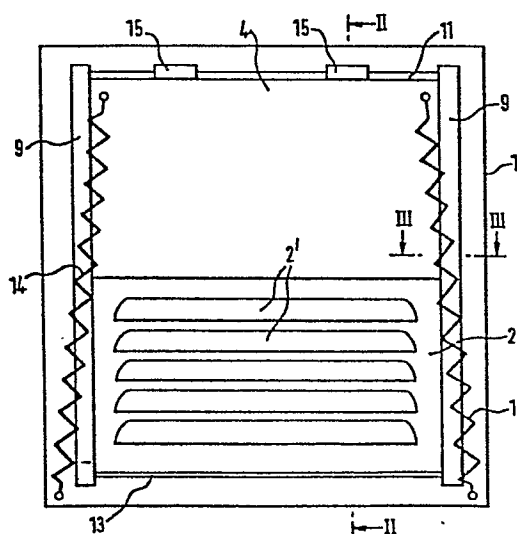


FIG.1.



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. 4)
X	DE-A-3 215 076 (SCHLOZ) * Page 3, paragraph 5; page 4; figures 1-4 *	1,4,5	F 24 F 13/12 A 62 C 3/14
Y	---	2,3,6,7	
Y	FR-A-2 411 948 (DORMA-BAUBESCHLAG) * Page 6, lines 3-11; figure *	2,3,7	
Y	---	6	
X	US-A-3 799 046 (GORCHEV) * Column 3, lines 55-64; figure 2 *		
X	---	1,4,5	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
X	US-A-2 827 140 (KNEBEL) * Column 2, lines 23-32; figures 1,2 *		
X	---	1,4,5	F 24 F A 62 C
A	FR-A-2 338 091 (STRULIK) * Page 4, lines 7-20; figures 1-3 *		
	---	8	
	FR-A-2 131 958 (SOBINCO) * Page 7, lines 1-15; figures 3,5,7 *		

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-10-1985	Examiner BORRELLI R.M.G.A.
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	FR-A-1 425 687 (WESTFÄLISCHES METALLWERK) * Page 2, left-hand column, paragraph 1; figures 1-4 *	9	
A	FR-A-2 274 004 (CANIVET)		
A	US-A-3 537 380 (SPRADLING)		
A	DE-A-2 935 566 (KESSLER)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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