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(54) **Ventilation Discharge**

(57) Ventilation discharge for a room in a house, comprising a discharge pipe extending from an inlet situated in the room to an outlet situated out on the roof, which discharge pipe is provided with draught promoting means in or near the outlet, as well as comprising a ventilating fan which is placed or can be placed in the discharge pipe, at a distance from the inlet.

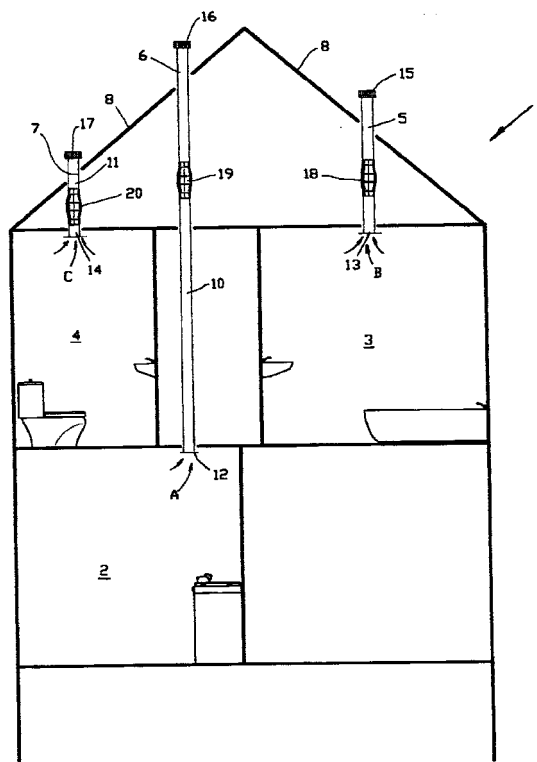


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 98 20 4152

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.8)
X	EP 0 404 615 A (AMPHOUX ANDRE) 27 December 1990 (1990-12-27) * column 1, line 1 - column 1, line 15 * * column 1, line 53 - column 4, line 25 * * column 5, line 19 - column 5, line 52 * * claims 1,2,13 * * figure 1 *	1,2,4,7, 8,12-14, 16-18	F24F7/02
A	—	3	
X	FR 751 443 A (AÉRODYNE) 2 September 1933 (1933-09-02) * page 1, line 1 - page 1, line 41 * * page 2, line 9 - page 2, line 68 * * page 2, line 98 - page 3, line 10 * * figures 4,5 *	1,6,18	
A	"EXTRACTEURS HELICOCENTRIFUGES" REVUE PRATIQUE DU FROID ET DU CONDITIONNEMENT D'AIR,FR,PYC EDITION S.A. PARIS, no. 724, 28 February 1991 (1991-02-28), page 58 XP000177631 ISSN: 0370-6699 * the whole document * * figures 1,2 *	1,5	TECHNICAL FIELDS SEARCHED (Int.Cl.8) F24F
A	US 2 569 319 A (KRUG OLIVER J) 25 September 1951 (1951-09-25) * the whole document *	1,7-9, 11,12, 16-18	
A	US 2 800 849 A (SPEAR WALTER A) 30 July 1957 (1957-07-30) * column 1, line 30 - column 1, line 64 * * figures 1,2 *	18,19	
— / —			
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 March 2001	Examiner CORREIA DOS REIS, I
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			

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EUROPEAN SEARCH REPORT

Application Number
EP 98 20 4152

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.8)
A	US 5 209 697 A (HURST DONALD P ET AL) 11 May 1993 (1993-05-11) * abstract * * claim 1 * * figures 1,2 *		
A	DE 32 19 453 A (MOLLERUS JOSEF DIPL ING) 24 November 1983 (1983-11-24) * page 7, line 23 - page 9, line 1 * * claims 1,3,6,7,9,14 * * figure 1 *		
			TECHNICAL FIELDS SEARCHED (Int.Cl.8)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 March 2001	Examiner CORREIA DOS REIS, I
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			

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

EP 98 20 4152

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
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05-03-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0404615	A	27-12-1990	FR 2647881 A	07-12-1990
FR 751443	A	02-09-1933	NONE	
US 2569319	A	25-09-1951	NONE	
US 2800849	A	30-07-1957	NONE	
US 5209697	A	11-05-1993	NONE	
DE 3219453	A	24-11-1983	NONE	

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