(11) **EP 2 141 424 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **14.08.2013 Bulletin 2013/33**

(51) Int Cl.: **F24F 13/18** (2006.01)

(43) Date of publication A2: **06.01.2010 Bulletin 2010/01**

(21) Application number: 09164328.8

(22) Date of filing: 01.07.2009

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR

HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL

PT RO SE SI SK SM TR

(30) Priority: 02.07.2008 BE 200800369

(71) Applicants:

 Renson Ventilation NV 8790 Waregem (BE)

- Renson, Paul 8790 Waregem (BE)
- (72) Inventor: **DEWACHTER**, **Ramses Jacques Pierre** 8554, SINT-DENIJS (BE)
- (74) Representative: Ostyn, Frans President Kennedypark 31C 8500 Kortrijk (BE)

(54) ventilation device

(57) The invention relates to a ventilation device (1) for the natural supply of air or discharge of air, comprising an air flow channel (4) wherein a first, a second and a third regulating valve (5), (6), (7) are arranged so as to be able to rotate or hinge in series, so that during rotating or hinging of these regulating valves (5), (6), (7) the flow rate of air through this air flow channel (4) is regulated,

at least two regulating valves (5), (6), (7) being mutually mechanically coupled. A ventilation device (1) of this type has high thermal resistance, a high temperature factor and high airtightness, so that said ventilation device is suitable for placing in or on a window, door, roof surface or external wall of a passive house building or a building in regions having low outside temperature during the heating season.

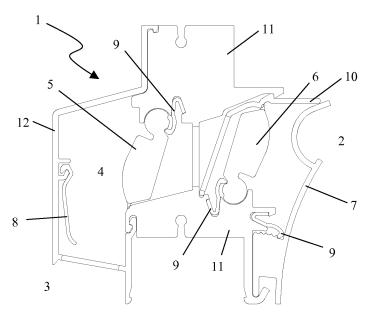


FIG. 1

EP 2 141 424 A3



EUROPEAN SEARCH REPORT

Application Number EP 09 16 4328

Category	Citation of document with ir of relevant pass	ndication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X A	WO 89/02970 A (SWAZINNA ERWIN [DE]) 6 April 1989 (1989-04-06) * figures 1-3 *		1,4,6,7, 9 2,3,5,8,	INV. F24F13/18
Х	DE 299 10 662 U1 (S 23 November 2000 (2 * figures 5,6 *	1		
A	EP 0 032 447 A (GER 22 July 1981 (1981- * the whole documen	1		
A	DE 17 08 163 A1 (F0 27 May 1971 (1971-0 * the whole documen	5-27)	1	
A		PARDE STALDVENTILATION 1 r 1996 (1996-09-19)	1 1	TECHNICAL SISTERS
A	EP 1 568 947 A1 (RE [BE]; RENSON PAUL [31 August 2005 (200 * the whole documen	i5-08-31)	1	TECHNICAL FIELDS SEARCHED (IPC) F24F E06B
А	JP H09 310561 A (NI 2 December 1997 (19 * the whole documen		1	
	The present search report has l	peen drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	The Hague	3 July 2013	de	Graaf, Jan Douwe
X : part Y : part docu A : tech	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another of the same category inological background written disclosure	L : document cited	ocument, but publis ate in the application for other reasons	hed on, or

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

EP 09 16 4328

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.

03-07-2013

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8902970	A	06-04-1989	DE 3732897 A1 WO 8902970 A1	13-04-1989 06-04-1989
DE 29910662	U1	23-11-2000	NONE	
EP 0032447	Α	22-07-1981	CA 1148061 A1 DE 3162711 D1 EP 0032447 A1 GB 2068084 A US 4377968 A	14-06-198 26-04-198 22-07-198 05-08-198 29-03-198
DE 1708163	A1	27-05-1971	NONE	
DE 29612567	U1	19-09-1996	DE 29612567 U1 DK 9500282 U4	19-09-1990 28-10-1990
EP 1568947	A1	31-08-2005	AT 362083 T DE 602005001059 T2 EP 1568947 A1 ES 2287861 T3 NL 1025600 C2	15-06-200 17-01-200 31-08-200 16-12-200 30-08-200
JP H09310561	Α	02-12-1997	NONE	

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82