



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
16.03.2016 Bulletin 2016/11

(51) Int Cl.:
F24F 13/02 ^(2006.01) **F24F 13/08** ^(2006.01)
F24F 13/10 ^(2006.01)

(43) Date of publication A2:
27.08.2014 Bulletin 2014/35

(21) Application number: **14156838.6**

(22) Date of filing: **26.02.2014**

(84) Designated Contracting States:
AL 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 RS SE SI SK SM TR
Designated Extension States:
BA ME

(71) Applicant: **Brink Climate Systems B.V.**
7951 DA Staphorst (NL)

(72) Inventor: **Hanewald, Rudolf**
7944 PH Meppel (NL)

(74) Representative: **Nederlandsch Octrooibureau**
P.O. Box 29720
2502 LS The Hague (NL)

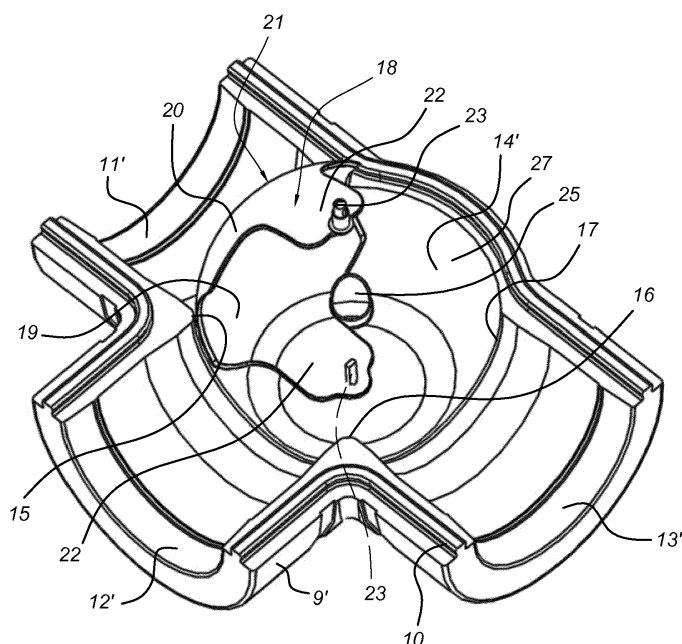
(30) Priority: **26.02.2013 NL 2010363**

(54) **Ventilation assembly, valve therefor and building containing such a ventilation assembly**

(57) A ventilation assembly comprises a ventilator (5) for generating an air flow, at least two rooms (6, 6') which can be provided with said air flow, and a valve (1) which is connected to said units for optionally providing the rooms with an air flow generated by the ventilator. The valve (1) comprises a valve housing (9) provided with at least three connecting stubs (11, 12, 13), to each of which is connected a room or the ventilator, respectively, and a valve body (18) which is accommodated in the valve

housing. The valve housing (9) comprises a central chamber (14) into which the connecting stubs (11-13) issue. The valve body (18) has concentric concave and convex cylindrical or concentric concave and convex spherical forms (19, 20). The central chamber (14) also has an at least partially cylindrical or spherical concave form, respectively, so that the concave form of the central chamber (14) and the convex form of the valve body (18) are substantially concentric.

Fig. 2





EUROPEAN SEARCH REPORT

Application Number
EP 14 15 6838

5

10

15

20

25

30

35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	FR 2 955 919 A1 (ATLANTIC CLIMATISATION ET VENTILATION [FR]) 5 August 2011 (2011-08-05) * page 3, line 24 - page 8, line 20; figures 1-5 *	1-15	INV. F24F13/02 F24F13/08 F24F13/10
A	DE 25 50 310 B1 (MEYER FA RUD OTTO) 31 March 1977 (1977-03-31) * column 3, line 25 - column 4, line 19; figures 1-5 *	1-15	
A	DE 10 2008 028613 A1 (PLUGGIT INTERNAT B V [NL]) 24 December 2009 (2009-12-24) * the whole document *	1-15	
A,D	DE 30 40 051 A1 (ROEHL GEORG [DE]) 3 June 1982 (1982-06-03) * abstract; figures 1-5 *	1	
A	EP 2 476 960 A1 (NABER HOLDING GMBH & CO KG [DE]) 18 July 2012 (2012-07-18) * abstract; figures 1-3 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			F24F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 5 February 2016	Examiner González-Granda, C
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	

EPO FORM 1503 03.02 (P04C01)

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

EP 14 15 6838

5

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.

05-02-2016

10

15

20

25

30

35

40

45

50

55

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2955919 A1	05-08-2011	NONE	
DE 2550310 B1	31-03-1977	NONE	
DE 102008028613 A1	24-12-2009	DE 102008028613 A1	24-12-2009
		DE 202008017968 U1	10-02-2011
		EP 2288854 A1	02-03-2011
		WO 2009156059 A1	30-12-2009
DE 3040051 A1	03-06-1982	NONE	
EP 2476960 A1	18-07-2012	DK 2476960 T3	10-03-2014
		EP 2476960 A1	18-07-2012
		ES 2441950 T3	07-02-2014

EPO FORM P0459

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