



(11) **EP 1 767 877 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
07.07.2010 Bulletin 2010/27

(51) Int Cl.:
F24F 13/06 ^(2006.01) **F24F 13/10** ^(2006.01)

(43) Date of publication A2:
28.03.2007 Bulletin 2007/13

(21) Application number: **06076762.1**

(22) Date of filing: **22.09.2006**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR**
Designated Extension States:
AL BA HR MK RS

(30) Priority: **23.09.2005 NL 1030021**

(71) Applicant: **Nijburg Investment B.V.**
9611 TG Sappemeer (NL)

(72) Inventor: **Burger, Matthijs Gerard Johan**
1452 AG Ilpendam (NL)

(74) Representative: **van Loon, C.J.J. et al**
Vereenigde
Johan de Wittlaan 7
2517 JR Den Haag (NL)

(54) **Ventilation grate**

(57) The invention relates to a ventilation grate provided with an air collecting housing and a front plate covering the air collecting housing, through which air can be blown from the air collecting housing. The front plate is provided with arcuate openings proceeding from a center outwards. At the rear side of the openings, an adjustable blade is provided in order to selectively guide the airflow in a cross direction with respect to the opening. The blade

is of tiltable design having a bistable, curved shape so that, selectively, one of the longitudinal sides of the blade can be maintained pressed against a longitudinal side of the opening.

In this manner, a simple adjustment of the ventilation grate can be provided, for, at wish, airflows directed inwards or outwards.

EP 1 767 877 A3



EUROPEAN SEARCH REPORT

Application Number
EP 06 07 6762

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	EP 0 129 000 A (WATERLOO GRILLE CO. LTD; WATERLOO B.V) 27 December 1984 (1984-12-27) * page 2, line 21 - page 5, line 4; figures 1-5 *	1-8	INV. F24F13/06 F24F13/10
A	US 3 221 634 A (HELLE JENS BOESEN ET AL) 7 December 1965 (1965-12-07) * column 1, line 59 - column 2, line 12; figures 1-2 *	1-8	
A	DE 299 14 962 U1 (BERMES PETER [DE]; BUESSER KURT [DE]) 14 October 1999 (1999-10-14) * abstract; figures 1-2 *	1-8	
A	EP 0 211 150 A (SCHAKO METALLWARENFABRIK FERDINAND SCHAD KG) 25 February 1987 (1987-02-25) * abstract; figures 1-2 *	1-8	
A	EP 0 472 934 A1 (SCHAKO METALLWARENFABRIK [DE]) 4 March 1992 (1992-03-04) * column 4, line 4 - line 40; figures 1-3 *	1-8	TECHNICAL FIELDS SEARCHED (IPC) F24F B60H
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 May 2010	Examiner González-Granda, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

4
EPO FORM 1503 03.82 (P04C01)

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

EP 06 07 6762

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.

28-05-2010

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0129000	A	27-12-1984	NONE	
US 3221634	A	07-12-1965	NONE	
DE 29914962	U1	14-10-1999	NONE	
EP 0211150	A	25-02-1987	DE 8521685 U1	03-10-1985
EP 0472934	A1	04-03-1992	AT 95911 T	15-10-1993
			DE 4026932 A1	30-04-1992
			DE 59100485 D1	25-11-1993
			DK 0472934 T3	14-03-1994
			ES 2045992 T3	16-01-1994
			JP 4251151 A	07-09-1992
			US 5156569 A	20-10-1992