

(11) **EP 2 169 106 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 21.10.2015 Bulletin 2015/43

(51) Int Cl.: **D06F** 58/24 (2006.01) **D06F** 58/10 (2006.01)

D06F 58/04 (2006.01)

(43) Date of publication A2: 31.03.2010 Bulletin 2010/13

(21) Application number: 09170964.2

(22) Date of filing: 22.09.2009

(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 Designated Extension States:

AL BA RS

(30) Priority: 26.09.2008 CN 200810156792

(71) Applicant: BSH Hausgeräte GmbH 81739 München (DE)

(72) Inventors:

- Georgi, Rodrigo 13086 Berlin (DE)
- Mao, Shengchao
 210000 Nanjing (CN)
- Pang, Wenfeng 210046 Nanjing (CN)
- Yan, Zhihua
 210046 Nanjing (CN)

(54) Household clothes drying device

(57) A household clothes drying device with its rear side closed by a backboard, comprising a drying air circuit wherein the drying air circulates to remove the moisture in the washed clothes; condensing means, which condensing means condenses with cold air the moisture carried by the drying air; and an air exhaust structure, which air exhaust structure is provided on the backboard for introducing the air discharged from the condensing

means to the outside of the device; wherein the air exhaust structure comprises a plurality of substantially upright openings. In this way, said cold air can be smoothly discharged via the openings of the air exhaust structure and the distribution of the cold air is made relatively even, so that the condensing effects of the condensing device are significantly improved.

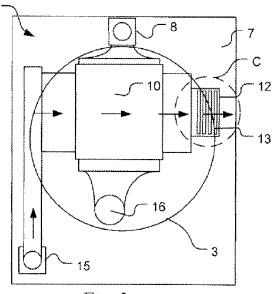


Fig. 2



EUROPEAN SEARCH REPORT

Application Number EP 09 17 0964

	DOCUMENTS CONSID				
Category	Citation of document with in of relevant pass		levant claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X Y	EP 0 211 418 A2 (ZA [IT]) 25 February 1 * page 2, line 22 - * page 3, lines 1-3 * page 5, lines 1-5 * figures 1,3,6 *	page 3, line 1 * 5 *	1,3 2,4	,5-8	INV. D06F58/24 D06F58/04 D06F58/10
Υ	EP 1 790 769 A1 (EL [BE]) 30 May 2007 (* paragraph [0020];		2		
Υ	EP 0 265 332 A1 (CI 27 April 1988 (1988 * figures 1,2 *		4		
A	DE 197 04 213 C1 (M 17 September 1998 (* figures 1,2 *		1,2		
A	US 3 811 198 A (BAL 21 May 1974 (1974-6 * figure 2 *		1,3	,7	TECHNICAL FIELDS SEARCHED (IPC)
A	DE 40 32 743 A1 (ZA 23 April 1992 (1992 * column 10, lines		1		
	The present search report has	peen drawn up for all claims			
	Place of search	Date of completion of the search	\top		Examiner
Munich		11 September 201	11 September 2015 Kis		
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anot iment of the same category inological background written disclosure mediate document	L : document cited fo	ument, the ap r other	but publis plication reasons	shed on, or

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

EP 09 17 0964

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.

11-09-2015

10						11 05 201
	Patent document cited in search report		Publication date		Patent family member(s)	Publication date
15	EP 0211418	A2	25-02-1987	DE EP IT	3678506 D1 0211418 A2 209164 Z2	08-05-1991 25-02-1987 16-09-1988
20	EP 1790769	A1	30-05-2007	AT EP ES WO	464426 T 1790769 A1 2343011 T3 2007059858 A1	15-04-2010 30-05-2007 21-07-2010 31-05-2007
	EP 0265332	A1	27-04-1988	DE EP FR GR	3771644 D1 0265332 A1 2605337 A1 3002364 T3	29-08-1991 27-04-1988 22-04-1988 30-12-1992
25	DE 19704213	C1	17-09-1998	NONE		
	US 3811198	Α	21-05-1974	NONE		
30	DE 4032743	A1	23-04-1992	NONE		
35						

40

45

50

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

55