(11) **EP 1 563 782 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **05.07.2006 Bulletin 2006/27**

(51) Int Cl.: **A47K 13/30** (2006.01)

(43) Date of publication A2: 17.08.2005 Bulletin 2005/33

(21) Application number: 05250768.8

(22) Date of filing: 10.02.2005

(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 MC NL PL PT RO SE SI SK TR

Designated Extension States: **AL BA HR LV MK YU**

(30) Priority: 11.02.2004 US 779230

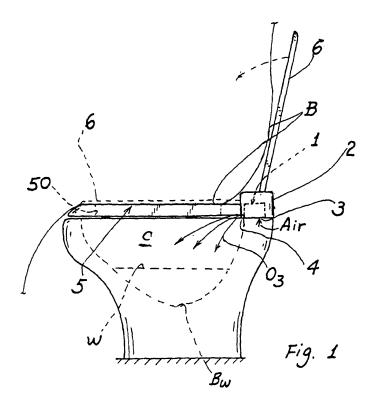
(71) Applicant: Kuo, Dai-Ming Taipei Hsien (TW) (72) Inventor: Kuo, Dai-Ming Taipei Hsien (TW)

 (74) Representative: Stoner, Gerard Patrick et al Mewburn Ellis LLP York House
 23 Kingsway
 London WC2B 6HP (GB)

(54) Ozone-deodorizing toilet

(57) An ozone-deodorizing toilet includes: an ozone generator (1) provided in a box (2) formed on a rear portion of a toilet seat (5), a gas outlet (4) formed in a front portion of the box (2) and under the toilet seat (5), whereby upon seating of a toilet user on the toilet seat (5) and upon actuation of the ozone generator (1), the ozone as

produced from the ozone generator (1) is applied under positive pressure into a bowl chamber (C) as defined among the toilet bowl (Bw), the toilet seat (5) and the user's buttocks (B) to allow the ozone to efficiently deodorize and disinfect the stench gas in the bowl chamber (C) of the toilet.





EUROPEAN SEARCH REPORT

Application Number EP 05 25 0768

Category	Citation of document with indicat of relevant passages	tion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X	PATENT ABSTRACTS OF JAvol. 1996, no. 01, 31 January 1996 (1996-& JP 07 247587 A (TOTO 26 September 1995 (199* abstract; figures *	01-31) LTD),	1	INV. A47K13/30	
A	PATENT ABSTRACTS OF JA vol. 014, no. 149 (C-0 22 March 1990 (1990-03 & JP 02 019156 A (YUNI 23 January 1990 (1990- * abstract; figure *	7705), 8-22) SOIDO KK),	1,2		
A	PATENT ABSTRACTS OF JA vol. 2000, no. 26, 1 July 2002 (2002-07-0 & JP 2001 248202 A (ME LTD), 14 September 200 * abstract; figure *	01) IIJI NATL IND CO	1	TECHNICAL FIELDS	
A	DE 25 47 496 A1 (MFB-N FENSTERBEHAENGE GMBH) 28 April 1977 (1977-04 * page 6, paragraph 6	l-28)	1	SEARCHED (IPC) A47K E04D	
А	PATENT ABSTRACTS OF JA vol. 018, no. 351 (C-1 4 July 1994 (1994-07-6 & JP 06 090877 A (TOTO 5 April 1994 (1994-04- * abstract; figures *	.220), 04) 0 LTD),	1		
	The present search report has been	·			
Place of search The Hague		Date of completion of the search 30 May 2006	Kri	ekoukis, S	
X : parti Y : parti docu A : tech	TEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with another ment of the same category nological background written disclosure	T: theory or principle E: earlier patent doc after the filing dat D: document cited in L: document cited fo	eument, but publice e n the application or other reasons	shed on, or	

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

EP 05 25 0768

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.

30-05-2006

cit	Patent document ed in search report		Publication date		Patent family member(s)	Publication date
JP	07247587	A	26-09-1995	NONE		
JP	02019156	Α	23-01-1990	NONE		
JP	2001248202	Α	14-09-2001	NONE		
DE	2547496	A1	28-04-1977	NONE		
JΡ	06090877	Α	05-04-1994	JP	3206771 B2	10-09-200

 $\stackrel{ ext{O}}{ ext{L}}$ For more details about this annex : see Official Journal of the European Patent Office, No. 12/82