



(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
18.10.2006 Bulletin 2006/42

(51) Int Cl.:  
E03F 5/04 (2006.01)

(43) Date of publication A2:  
22.02.2006 Bulletin 2006/08

(21) Application number: 05388063.9

(22) Date of filing: 02.08.2005

(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 LV MC NL PL PT RO SE SI  
SK TR  
Designated Extension States:  
AL BA HR MK YU

(30) Priority: 02.08.2004 DK 200401171

(71) Applicant: Naur, Benny Peter Hansen  
4792 Askeby (DK)

(72) Inventor: Naur, Benny Peter Hansen  
4792 Askeby (DK)

(74) Representative: Jakobsen, Gert Hoey  
Albihns A/S,  
H.C. Andersens Boulevard 49  
1553 Copenhagen V (DK)

(54) A water-seal drainage trap

(57) The present invention relates to a water-seal drainage trap, in short a waste trap, and in particular the invention relates to a waste trap for instalment in a floor outlet. The waste trap comprises an upper part and a lower part that are removable as a single unit, the upper part having a wastewater inlet leading into a dip tube substantially extending into the lower part constituting a

bowl, the bowl and the dip tube defining a wastewater flow path extending from the inlet through the dip tube and out into the bowl and ending at the edge of the bowl in a discharge outlet for discharging wastewater into the floor outlet waste pipe. The flow path has a substantially uniform cross-section from inlet to discharge and the cross-section is substantially rectangular.

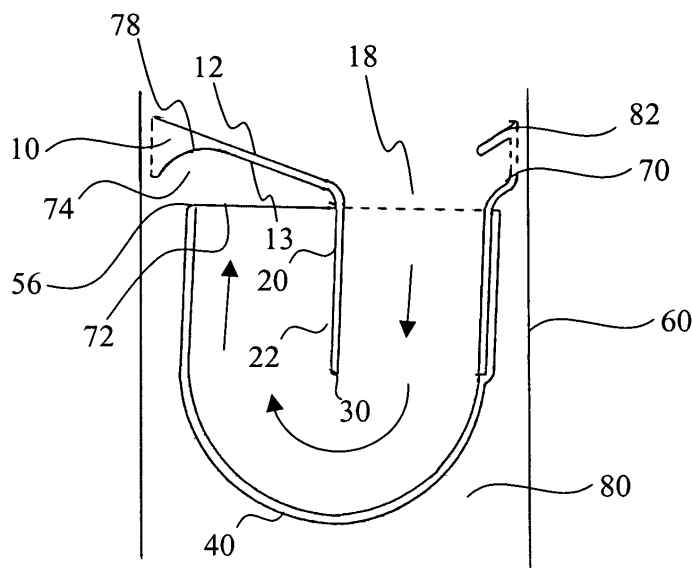


Fig. 5



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 05 38 8063

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 998 057 A (SOCIETE AMAURY FILS, GENDRE ET COMPAGNIE) 14 January 1952 (1952-01-14) * the whole document *	1,3,7,8	INV. E03F5/04
Y	-----	2,4-6	
Y	CH 169 289 A (BUERGIN & CIE) 31 May 1934 (1934-05-31) * figure 1 *	2	
Y	-----		
Y	GB 2 285 460 A (* HARMER HOLDINGS LIMITED) 12 July 1995 (1995-07-12) * figure 2 *	4	
Y	-----		
Y	DE 103 49 347 A1 (WIEDEMANN GMBH) 9 June 2004 (2004-06-09) * paragraph [0024]; figures *	5	
Y	-----		
Y	DE 296 11 960 U1 (LOEFFLER, STEFAN, 35390 GIESEN, DE) 21 November 1996 (1996-11-21) * page 5, paragraph 3; figures *	6	
A	-----		
A	BE 898 581 A2 (WILLEMAERS GASTON) 16 April 1984 (1984-04-16) * figures I,II *	1,2	TECHNICAL FIELDS SEARCHED (IPC) E03F E03C
P,X	-----		
P,X	GB 2 402 946 A (* DLP LIMITED) 22 December 2004 (2004-12-22) * figures *	1,3-8	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 7 September 2006	Examiner De Coene, Petrus
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	

1  
EPO FORM 1503 03/82 (P04/C01)

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

EP 05 38 8063

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.

07-09-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 998057	A	14-01-1952	NONE	
CH 169289	A	31-05-1934	NONE	
GB 2285460	A	12-07-1995	NONE	
DE 10349347	A1	09-06-2004	DE 20217152 U1	16-01-2003
DE 29611960	U1	21-11-1996	NONE	
BE 898581	A2	16-04-1984	NONE	
GB 2402946	A	22-12-2004	NONE	