

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 956 802 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
23.05.2001 Bulletin 2001/21

(51) Int. Cl.⁷: **A47K 5/12**

(43) Date of publication A2:
17.11.1999 Bulletin 1999/46

(21) Application number: **99301165.9**

(22) Date of filing: **17.02.1999**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Turk, Marc Timothy
Pinetown (ZA)**

(30) Priority: **17.02.1998 ZA 9801267**

(74) Representative:
**Hutchins, Michael Richard et al
FRY HEATH & SPENCE
The Old College
53 High Street
Horley Surrey RH6 7BN (GB)**

(71) Applicant: **Turk, Marc Timothy
Pinetown (ZA)**

(54) **Liquid dispenser**

(57) A dispenser (10) for dish washing liquid comprises a reservoir which is fixed at a suitable location and which has a flexible pipe (14) attached to its outlet, the flexible pipe having a dispenser pump for discharge of a predetermined volume of the liquid.

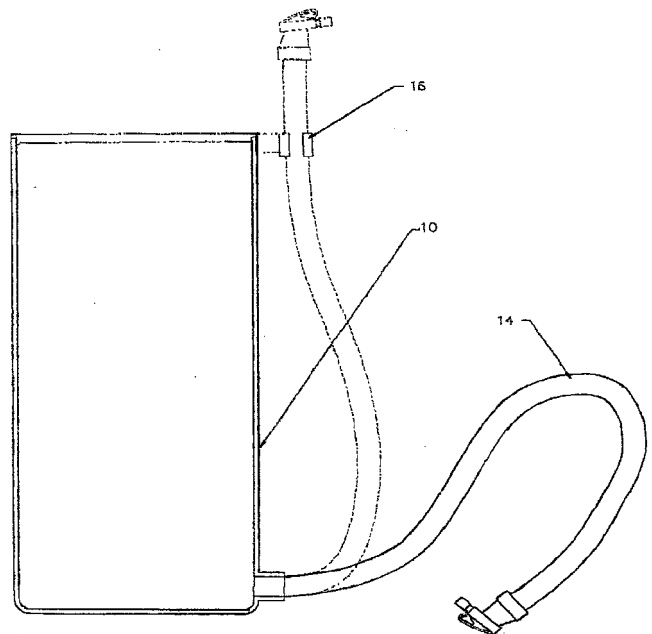


FIGURE 1

EP 0 956 802 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 30 1165

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|---|--|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.8) |
| X | US 5 595 324 A (BROWN DOUGLAS S ET AL) 21 January 1997 (1997-01-21) * column 3, line 37 - column 4, line 6 * * column 6, line 4 - line 12 * * figures 1,2,7 * | 1-3 | A47K5/12 |
| X | DE 43 02 073 A (SCHNABEL INGBORG ;THIELEMANN LWE (DE)) 28 July 1994 (1994-07-28) * column 4, line 35 - line 56 * * figure * | 1,2 | |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.8) |
| | | | A47K |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 29 March 2001 | Examiner Vrugt, S |
| CATEGORY OF CITED DOCUMENTS | | 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 | |
| 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 | | | |

EPO FORM 1505 03.06 (P04C01)

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

EP 99 30 1165

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.

29-03-2001

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|-------------------------|------------------|
| US 5595324 A | 21-01-1997 | US 5379917 A | 10-01-1995 |
| | | US 6062425 A | 16-05-2000 |
| | | US 5799826 A | 01-09-1998 |
| | | AU 6355794 A | 26-09-1994 |
| | | CA 2107744 A | 02-09-1994 |
| | | EP 0686130 A | 13-12-1995 |
| | | WO 9420407 A | 15-09-1994 |
| DE 4302073 A | 28-07-1994 | NONE | |

EPO FORM P0458

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