



(11) **EP 1 716 931 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**05.03.2008 Bulletin 2008/10**

(51) Int Cl.:  
**B05B 7/24 (2006.01)**

(43) Date of publication A2:  
**02.11.2006 Bulletin 2006/44**

(21) Application number: **06015344.2**

(22) Date of filing: **27.10.2003**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
HU IE IT LI LU MC NL PT RO SE SI SK TR**

(30) Priority: **18.12.2002 GB 0229401**

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
**03777885.9 / 1 572 373**

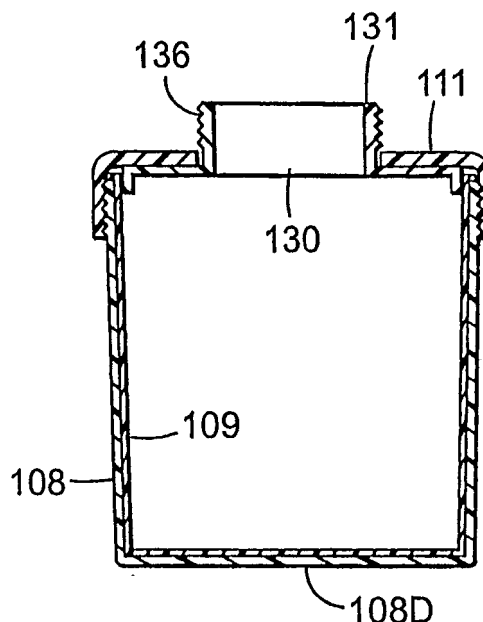
(71) Applicant: **3M Innovative Properties Company**  
**St. Paul,**  
**Minnesota 55133-3427 (US)**

(72) Inventors:  
• **Joseph, Stephen C.P.**  
**Woodbury, MN 55129 (US)**  
• **Siltberg, Daniel E.**  
**White Bear Township, MN 55110 (US)**

(74) Representative: **Wightman, David Alexander**  
**Barker Brettell**  
**138 Hagley Road**  
**Edgbaston**  
**Birmingham B16 9PW (GB)**

(54) **Spray gun reservoir with oversize, fast-fill opening**

(57) A spray gun reservoir has a detachable lid 110 with an oversize central opening 130 and a cap member 132 releasably connectable to the lid 110 for connecting the reservoir to a spray gun. The lid 110 is releasable from the cap member 132 such that liquid can be added to the reservoir without removing the lid 110 by means of the oversize central opening 130 in the lid 110.



**FIG. 10**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 06 01 5344

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	US 2 051 518 A (CUNNINGHAM, JAMES L.) 18 August 1936 (1936-08-18) * page 1, right-hand column, line 6 - page 2, left-hand column, line 36; figures 5,6 *	1,7-13	INV. B05B7/24
X	----- US 3 182 866 A (ROWE, ROBERT) 11 May 1965 (1965-05-11) * column 3, lines 13-63; figures 2,3 * -----	1,4,5, 7-10	
			TECHNICAL FIELDS SEARCHED (IPC)
			B05B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 January 2008	Examiner Innecken, Axel
<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 ..... &amp; : member of the same patent family, corresponding document</p>			

4

EPO FORM 1503 03.82 (P04001)

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

EP 06 01 5344

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.

23-01-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2051518	A	18-08-1936	NONE	
-----				
US 3182866	A	11-05-1965	NONE	
-----				