11 Publication number:

0 360 456 A3

(12)

EUROPEAN PATENT APPLICATION

21) Application number: 89309003.5

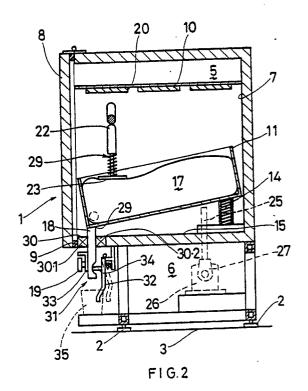
(51) Int. Cl.5: **B67D** 3/00

22) Date of filing: 06.09.89

3 Priority: 08.09.88 US 242169

- Date of publication of application:28.03.90 Bulletin 90/13
- Designated Contracting States:
 AT BE CH DE ES FR GB GR IT LI LU NL SE
- Bate of deferred publication of the search report: 04.07.90 Bulletin 90/27
- Applicant: Katz, Solly173 RechovHakeramim Efrat 90962(IL)
- Inventor: Katz, Solly173 RechovHakeramim Efrat 90962(IL)
- Representative: Sherrard-Smith, Hugh et al Appleyard, Lees & Co. 15 Clare Road Halifax, HX1 2HY West Yorkshire(GB)

- (54) Fluid dispenser.
- (37) A fluid dispenser according to this invention has a cradle (11) for holding a container (17) of liquid to be agitated before dispensing in a downwardly inclined position towards the dispensing outlet and means for causing a wave-like motion to the contents of the container. The means for providing the wave-like motion can be a rocking mechanism (25) for the end of the cradle remote from the dispensing end or means (23) for intermittently applying pressure to the wall of the container (17) adjacent the dispensing end. Means may also be included to compensate for the diminishing contents of the container.



EP 0 360 456 A3



EUROPEAN SEARCH REPORT

EP 89 30 9003

		IDERED TO BE RELEV		elevan.	CLASSIFICATION OF TH	E
Category		n indication, where appropriate, ant passages		leievant o ciaim	APPLICATION (Int. CI.	
Y	EP-A-0 237 260 (S. KATZ)				
	* Whole document		6	,2,4, ,9,10 2,15	,	
A	e e de e de la companya de la compan	e englander i visionis	8		B 67 D 3/00	
Y	US-A-3 453 033 (* • • ·		
### T	* Figure 3 *		6	,2,4, ,9,10 2,15	- 	
	gas of communication from the form the control of t	and the second s		-	·	
A	US-A- 3 132 848	(GARLING HOUSE)			·	
	* Column 8, line line 25; figur	e 34 - column 9, es 10,12,13a,13b		,3,7	TECHNICAL FIELDS SEARCHED (Int Cl.4)	
	e waar en 17 m 17 m - 1 7 m 18 m - 1 7					
A	US-A-2 336 438 (A.C. EVANS)		• , .		
•	* Figures 1,2 *		8		B 67 D B 01 F	
A	US-A-3 667 499 (BRANTON et al.)				•
	-			٠		•
•	· · · · · · · · · · · · · · · · · · ·					
	ТН <i>оримен</i> жогинулеринулж	HOROCOTOR DESIGNATION OF THE STREET				
Place of search		Date of completion of the search			Examiner	
X : pa	he Hague CATEGORY OF CITED DOCI Inticularly relevant if taken alone inticularly relevant if combined was a category Coument of the same category	E : gartie after	er patent of the filing	document date id in the a	SCHELLE irlying the invention but published on, or pplication freasons	
A: te	chuological background termediate document	&: men			tent family, corresponding	9



CLAIMS INCURRING FEES							
166	Alitio ilitorilitica i and						
	to the second of						
The present European patent application comprised at the time of filing more than ten claims.							
	All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.						
	Only part of the claims fees have been paid within the prescribed time limit. The present European search						
	report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.						
	namely claims:						
	• • • • • • • • • • • • • • • • • • •						
	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.						
1							
	AV OF INITY OF INVENTION						
	CK OF UNITY OF INVENTION						
	Division considers that the present European patent application does not comply with the requirement of unity of						
invention ar namely:	nd relates to several inventions or groups of inventions.						
ייפנווטוץ:							
1	nime 1_10 15_17. Fluid diamones with many for						
T.CI	aims 1-12,15-17; Fluid dispenser with means for intermittently causing ware-like motion to the						
	contents of the container						
2.Claims 1,13,14; Arrangement of a pluarlity of containers							
3.Claims 1,18; Fluid dispenser with a gripping member for							
	preventing the re-use of an emptied container						
•							
	•						
]							
<u> </u>	All further search fees have been paid within the fixed time limit. The present European search report has						
ا ا	been drawn up for all claims.						
	Only part of the further search fees have been paid within the fixed time limit. The present European search						
	report has been drawn up for those parts of the European patent application which relate to the inventions in						
	respect of which search fees have been paid.						
	namely claims:						
 	None of the further search fees has been paid within the fixed time limit. The present European search report						
لا ا	has been drawn up for those parts of the European patent application which relate to the invention first						
<u> </u>	mentioned in the claims,						
1	nemely claums: 1-12,15-17						