



(11) Publication number : **0 441 538 A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : **91300786.0**

(51) Int. Cl.⁵ : **B65D 81/32, B65D 83/76**

(22) Date of filing : **31.01.91**

(30) Priority : **03.02.90 GB 9002438**
01.12.90 GB 9026192

(43) Date of publication of application :
14.08.91 Bulletin 91/33

(84) Designated Contracting States :
AT BE CH DE DK ES FR GB GR IT LI NL SE

(88) Date of deferred publication of search report :
03.06.92 Bulletin 92/23

(71) Applicant : **THE RAWLPLUG COMPANY LIMITED**
Skibo Drive, Thornliebank Industrial Estate
Glasgow, G46 8JR (GB)

(72) Inventor : **Wallace, Thomas Campbell**
8 Ormande Avenue
Glasgow, G44 3QX (GB)

(74) Representative : **Pattullo, Norman et al**
Murgitroyd and Company Mitchell House 333
Bath Street
Glasgow G2 4ER (GB)

(54) **Dispensing apparatus.**

(57) Dispensing apparatus is described for dispensing a first component (8) and a second component (10). The components (8, 10) are stored within a flexible container (2) and a common outlet chamber (28) is provided to receive the components when they are expelled from the container (2). The outlet chamber (28) has mixing means (32) which mixes the components (8, 10) to form a reactive mixture. Typically, the components (8, 10) are expelled from the container (2) by compression means which applies a compression force to the container. The apparatus may also comprise a housing in which the container (2) is located and the compression means may comprise a piston (24). Typically, the container (2) comprises an outer container (2) and an inner container (4) located within the outer container (2).

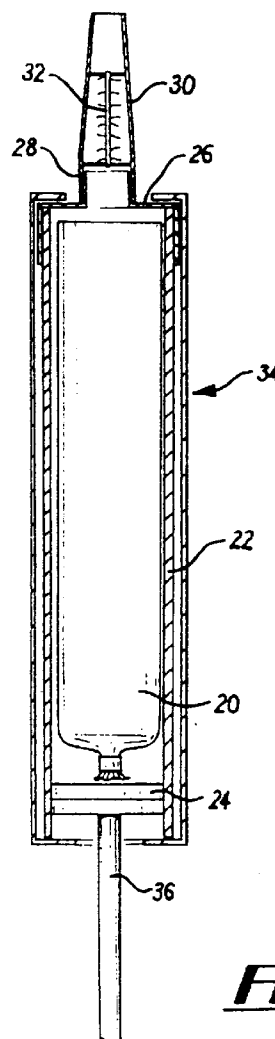


FIG. 5



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 30 0786

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.5)
X	EP-A-0 340 657 (ARA-WERK KRÄMER) * abstract; claim 39; figures 1-5 *	1-3	B65D81/32 B65D83/76
Y	---	4-9	
Y	US-A-4 801 008 (RICH) * the whole document *	4-9	
A	---		
	US-A-4 676 657 (BOTRIE) * abstract; figures *	1-5	

			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B65D
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 25 MARCH 1992	Examiner SMITH C.A.
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			

EPO FORM 1503 01.82 (P0401)