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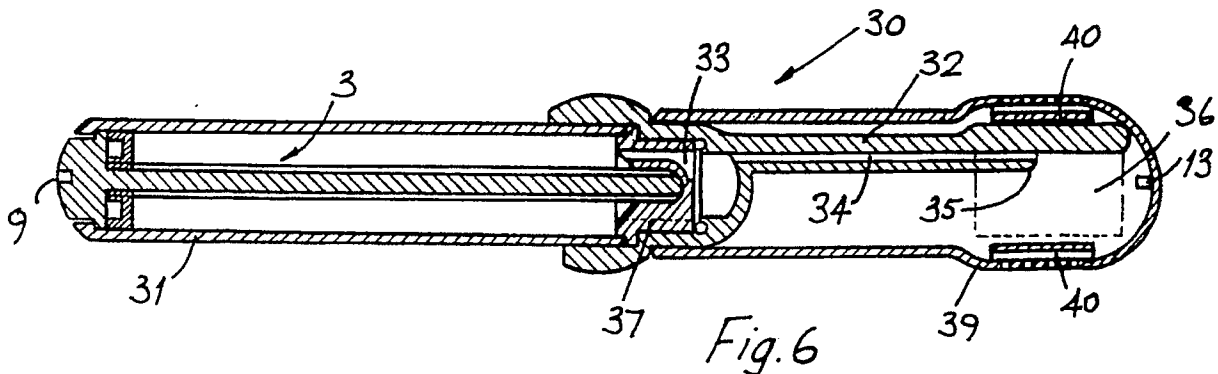
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(54) **A paste dispenser.**

(57) A hand-held paste dispenser (1) is disclosed which has a discharge means (3) actuated by a cap (5) for the dispenser. For dispensing, the cap (5) is removed from the discharge end and pushed over the rear portion, in which position a key (13) engages a recess (10) in a threaded drive spindle of the discharge means. The cap is then rotated to dispense paste and rotation is limited by stops (16,17) so that a metered "measure" may be dispensed. The dispenser may also include a paste

applicator head (32) to form a reservoir toothbrush. Because engagement between the cap and discharge means is required, accidental discharge resulting in blocking of the outlet and lack of cleanliness is avoided and the dispenser is tamper-proof for young children. Further, the dispenser allows control of the amount discharged which is important for avoiding waste and in discharging an exact required amount of paste.



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EUROPEAN SEARCH
REPORT

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	FR-A-1 466 508 (MACCAFERRI) * Pages 1,2; figures 1-3 *	1-4,12, 13,14,16	A 46 B 11/00 B 65 D 83/76
Y		2,5,6,7,8, 9,11	
	- - - -		
X	GB-A-3 234 50 (MORNY) * Pages 1,2; figures 1-11 *	1	
	- - - -		
X	US-A-2 656 953 (RICH) * Figures 1,2,3,5 *	18	
Y		7,11	
	- - - -		
Y	US-A-4 013 370 (GINGRAS) * Figures 2,4; column 4, lines 10-14 *	2,5,6,7	
	- - - -		
Y	US-A-2 926 818 (SPERO) * Figures 6,8 *	2,7,8,9	
	- - - -		
X	US-A-3 185 345 (HUNEGS) * Figures 1,3 *	18	
	- - - -		
X	US-A-4 595 124 (DUVAL) * Figures 4,6 *	18	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A		7,8,9	A 46 B B 65 D
	- - - - -		
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		20 June 91	LOKERE H.P.
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	