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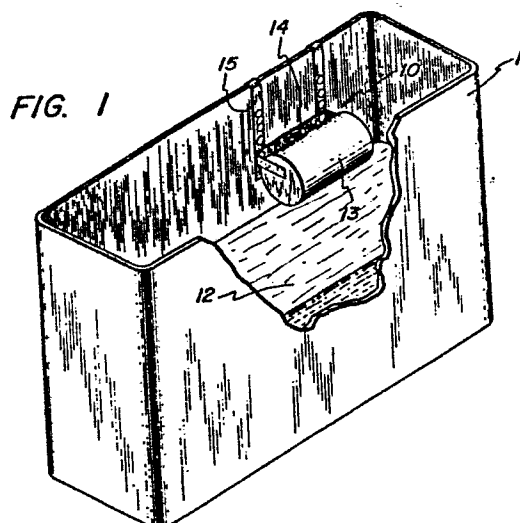
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(54) **Dispenser for automatically metering liquids in response to liquid level.**

(57) A dispenser (10) for automatically metering a liquid-soluble or liquid-suspendible material into a liquid environment in response to a rise and fall in the level of the liquid (12) which comprises a buoyant container (13) adapted for holding the material to be dispensed, said container being adapted for pivotal mounting on an axis which is offset from the axis of the center of buoyancy of said container from the axis of the center of buoyancy of said container by an amount from greater than 0% up to about 200% of the distance, as measured along a line through the pivot axis, between said center of buoyancy axis and the outer perimeter of said container, said container having one or more openings in a wall thereof located below the center of buoyancy of said container.





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.4)
X	US-A-4 512 041 (TSAI) * complete document *	1	E 03 D 9/03 E 03 D 9/02
A		4-6, 8	
D, A	--- US-A-4 370 763 (DOLAN) * column 4, line 16 - column 6, line 19; figures 1-7 *	1, 4, 7-9	
D, A	--- US-A-1 365 642 (AMANN) * complete document *	1, 5, 6, 8	
A	--- GB-A-1 140 031 (DAVIES) * page 2, lines 78-121; figures 8, 9 *	1, 8, 9	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	--- DE-U-7 910 584 (KIRCHNER) * pages 2, 3; figures 1-9 *	1, 4, 5, 8	E 03 D 9/00
A	--- DE-A-2 831 010 (CILLICHEMIE ERNST VOGELMANN GMBH & CO.) * pages 4-10; figures 1, 2 *	1, 8	
A	--- US-A-4 514 866 (PONG) * complete document *	1, 4, 7, 8	
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 21-07-1987	Examiner PAETZEL H-J
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	
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DOCUMENTS CONSIDERED TO BE RELEVANT			Page 2
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A	US-A-4 490 861 (DOLAN) * complete document * -----	1, 4, 8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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