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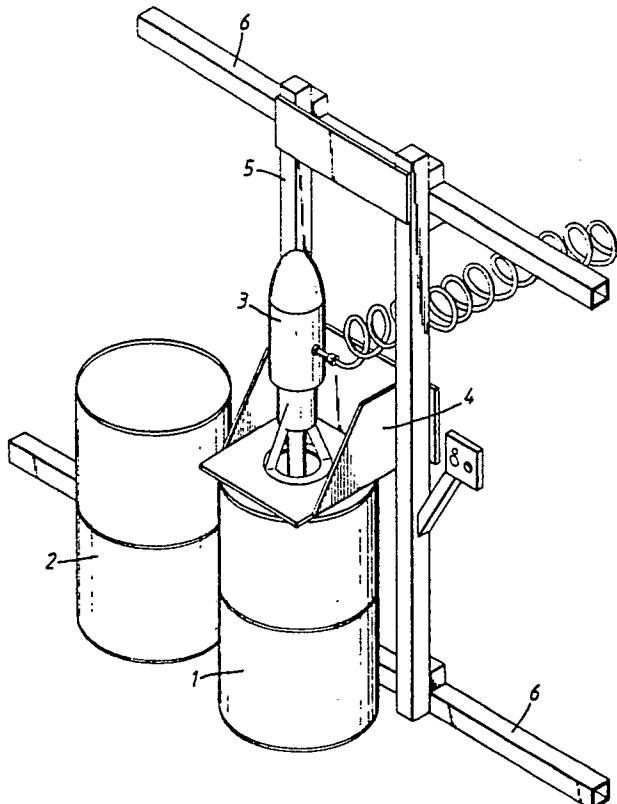
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⑯ Pumping apparatus.

⑯ A pump apparatus is provided for removing viscous material from containers (1). The apparatus comprises a pump assembly (3,4) adapted to fit sealingly within the container to extract material from the container beneath a seal of the assembly. A rigid mounting means (4) for the assembly is movable in use upwardly and downwardly on second mounting means (5). The second mounting means (5) are movable in a translational direction along elongate support means (6) to bring the assembly into position for pumping one or more other containers. The apparatus enables successive containers to be pumped in quick succession but without any loss in the rigidity of the pumping apparatus.





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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)
Y	US-A-4 312 463 (DABY) * Column 2, lines 16-47; figures 1,2 *	1	F 04 B 23/02
A	---	2	
Y	DE-A-2 703 947 (ENGINEERED METAL PRODUCTS) * Page 7, paragraphe 5 - page 8, paragraphe 1; figure 1 *	1	
A	---	3	
A, P	US-A-4 632 281 (WOLD) * Column 3, lines 4-32; figures 1,2 *	1,2	
D	---		
A	US-A-3 031 106 (HOOKER) -----		
TECHNICAL FIELDS SEARCHED (Int. Cl.4)			
F 04 B B 67 D F 04 D B 41 F F 25 J			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	13-12-1988	BERTRAND G.	
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	
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			