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Bate of deferred publication of search report: 07.10.87 Bulletin 87/41 7) Applicant: WEATHERFORD U.S. Inc. 1200 Weatherford Tower 1360 Post Oak Boulevard Houston Texas 77056 (US)

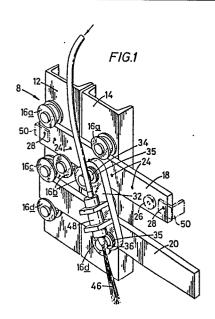
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(54) Oscillating spray apparatus.

An oscillating spray apparatus (8) comprises a first bar (I8) and a second bar (20) which are connected by a member (32) which carries a nozzle (48). The reaction force from the spray (46) moves the first bar (I8) and the second bar (20) to the left as shown in Figure I until the first bar (I8) is restrained. Movement of the second bar (20) continues under the influence of spray (46) until the spray (46) is vertical and thereafter due to the inertia of the second bar (20). This reverses the direction of the spray (46). The first bar (I8) and the second bar (20) then return to their initial positions where the cycle is repeated. The travel of the first bar (I8) can be limited by stops on the end of the first bar (I8) or by an external housing (40).





EUROPEAN SEARCH REPORT

86 30 8716 EΡ

ategory	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)		
A	US-A-3 424 442 * Column 3, li line 24; figures	ne 74 - column 4	, 1	ВВ	05 E 05 E	3 3/14 3 3/16
A	 FR-A-2 265 337 * Page 4, lines 	- (LANDOT) 8-18; figure 2 * 	1-4,8			
				1		
	The present search report has	been drawn up for all claims		to the contract of the contrac		
	Place of search THE HAGUE Date of completion of the search 23-07-1987		arch JUGU	ET	Exami J.M.	

EPO Form 1503: 03.82

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

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D: document cited in the application
L: document cited for other reasons

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