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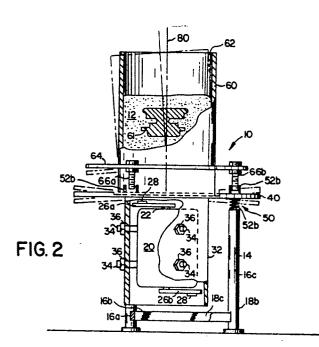
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(54) Apparatus for processing particulates.

An apparatus for processing particulates comprises a vibratory bed including a motor (20) with a vertically disposed shaft (22), at least one eccentric weight (26) disposed on the shaft, a housing (32) secured to and enclosing the motor. A bed plate (40) is secured atop the housing whereby operation of the motor (20) imparts vibrational gyratory motion to he housing and the bed plate. When vibrational gyratory motion of the bed plate has an acceleration in excess of gravity, the bed plate (40) will impact a vessel (60) on the bed plate at multiple frequencies for each revolution of the shaft. The impacts at the multiple frequencies will fluidize the particulates so that they can flow into cavities and crevices in a pattern or the like.



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EUROPEAN SEARCH REPORT

86 30 7053

Category	Citation of document wi	ith indication, where appropriate, it passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	US-A-2 169 279 (* Figures 1-3 *		1-3	B 22 C 15/10 B 22 C 9/04
Α	US-A-2 531 706 (R.A.O. SIGNEUL)	, ,,,,	B 22 C 9704
Α	GB-A-2 130 784 (R.L. ATTWELL)		
Α	GB-A-2 151 960 (R.J. VANRENS)		-
Α	US-A-3 396 947 (C.G. HEDEN)		
			-	
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
				B 22 C B 28 B
				5 20 5
	The present search report bo	s been drawn up for all claims		
	Place of search			
THE	HAGUE	Date of completion of the sear 10-02-1988		Examiner LIARD A.M.

EPO FORM 1503 03.82 (P0401)

r: particularly relevant if combined with another document of the same category
 A: technological background
 O: non-written disclosure
 P: intermediate document

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

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