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(54) **A sifting machine.**

(57) A sifting machine comprising a freely suspended sieve box, rectangular in plan, and comprising a plurality of sieve stacks (10) attached together side by side, and two sets of throwing weights (22, 23) disposed in two diagonally opposite corners of the sieve box such that a line between them passes through the centre of gravity thereof, the two other diagonally opposite corners being occupied by sieve stacks (10). The weights (22, 23) are driven by motor (24) and drive belts (25).

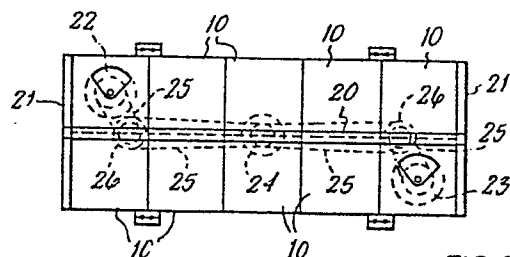


FIG.3



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. 3)
A	GB-A-2 071 808 (HENRY SIMON LTD.) * Page 1, lines 70-127; claims; figures 1,2 *	1-9	B 07 B 1/38
A	US-A-3 981 403 (O.J. ZIMMERMAN) * Column 2, line 62 - column 4, line 35; figures 1,2 *	1-9	
A	GB-A- 987 673 (HENRY SIMON LTD.) * Whole document *	1	
A	CH-A- 321 001 (MIAG)		
A	DE-A-2 256 307 (GEBRÜDER BÜHLER)		TECHNICAL FIELDS SEARCHED (Int. Cl. 3) B 07 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-09-1985	Examiner BANNWARTH C.L.
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			