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71 Applicant: **MOREHOUSE INDUSTRIES, INC.**
1600 West Commonwealth Avenue
Fullerton California 92633(US)

72 Inventor: **Szkaradek, Edward J.**
1911 Park Skyline Road
Santa Ana California 92705(US)

74 Representative: **Rushton, Ronald et al,**
SOMMERVILLE & RUSHTON 11 Holywell Hill
St. Albans Hertfordshire AL1 1EZ(GB)

54 **Media mill outlet assembly.**

57 Disclosed in a horizontal media mill comprising a cantilevered shaft extending from a motor into a vessel in which rotor discs mounted on the shaft agitate the grinding media and the product being milled. A cup-shaped screen and a cup-shaped end cover fit over the free end of the rotor and are removable mounted on the end of the vessel. The screen retains the grinding media in the vessel while permitting the milled product to flow therethrough to an outlet in the end

cover. The vessel is tiltable towards the screen end to facilitate cleaning and removal of the grinding media or screen elements. The stack of screen elements is radially positioned by ribs on the surrounding housing and axially clamped against lugs by an externally threaded nut. Also disclosed is a similar screen and outlet construction for a vertically oriented sand mill.

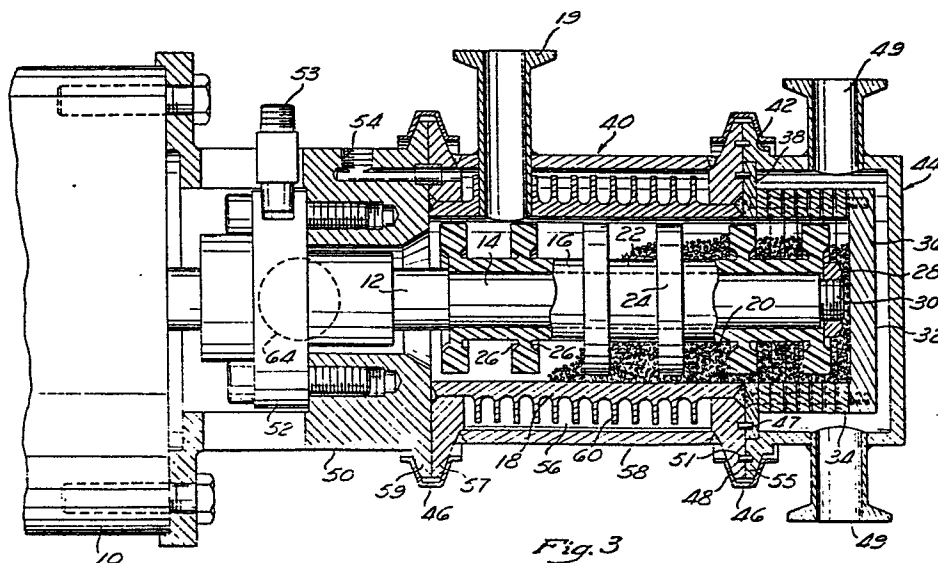


Fig. 3



European Patent
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EUROPEAN SEARCH REPORT

01 67396

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DOCUMENTS CONSIDERED TO BE RELEVANT			EP 85304749.6
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	US - A - 4 140 283 (SZKARADEK) * Column 1, lines 43-63; claims 1-25; fig. 1,2 *	1-3,9-11	B 02 C 17/16
Y	US - A - 4 267 045 (HOOF) * Fig. 1; abstract *	1-3,9-11	
D,A	US - A - 4 441 658 (SZKARADEK) * Fig. 2,3; claims 1-11 *	1-8,12-14	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 01 D 25/00 B 02 C 17/00 B 02 C 23/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 20-08-1987	Examiner BAUER
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			