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54 Anti-spin device for cone crusher.

57 Anti-spin device for a gyrating rock crusher including a stationary spindle (62) and a crusher head (36) driven by an eccentric (20) and running in a stationary crusher bowl (48). A clutch member (70) having a square cross-section fastened to the top of the spindle (62), and a polyurethane body (80) is fastened to the crusher head (36) and having a square opening (81) receiving the clutch member (70). The clutch exerts sufficient resistive torque on the crusher head (36) to prevent it from spinning with the eccentric (20) in the unloaded condition, but allows the head to counter-rotate slowly during crushing operations.

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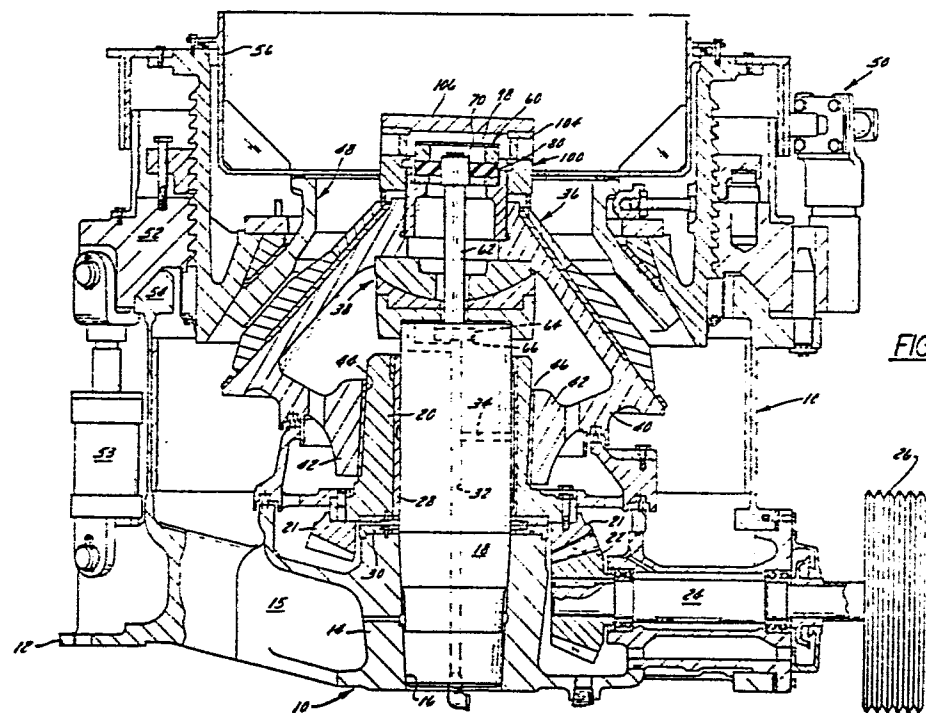


FIG. 1



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			EP 83630060.8
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.) 3
A	<u>EP - A2 - 0 050 090 (REXNORD INC.)</u> -----	1	B 02 C 2/04
			TECHNICAL FIELDS SEARCHED (Int. Cl.) 3
			B 02 C
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 23-05-1985	Examiner URBAN
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	