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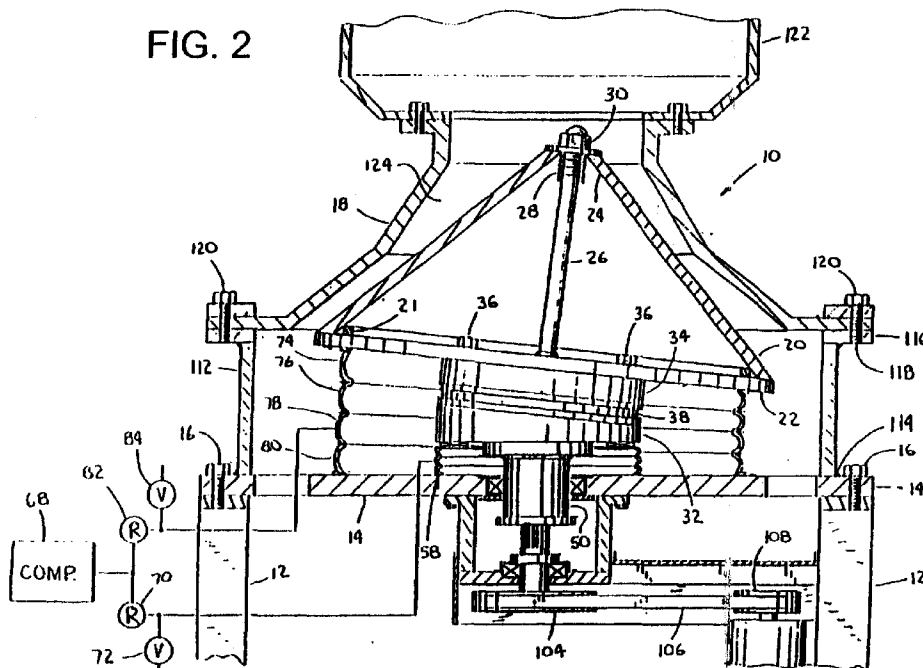
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(54) **A conical crusher having one piece crushing members**

(57) A conical crusher having a rigidly supported outer frustoconically shaped crushing member (18) and an inner conical crushing member (20) supported on a wobble mechanism (32, 34, 38) which is in turn supported by air bellows (58). The air pressure in the air bellows is regulated to adjust the spacing between the inner and

outer crushing members, and therefore the particle size of the crushed material. The inner and outer crushing members are readily replaceable. The inner crushing member serves as a single piece crushing head/mantle attachment. The outer crushing member is a single piece bowl/bowl liner component.

FIG. 2**EP 0 811 425 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 97 40 1262.

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.6)
X	US 3 130 927 A (SCHMIEDING, W.H.F.) 28 April 1964	1,3,6	B02C2/00 B02C2/04
Y	* column 1, line 54 - column 2, line 27 * * figures 2,5 *	2,7	
Y	US 2 858 083 A (ROSWELL, B.S.) 28 October 1958 * column 3, line 34 - line 40 * * figure 1 *	2,7	
X	US 2 423 033 A (DURAND, P.) 24 June 1947	9	
Y	* column 3, line 41 - line 45 * * figures 6,1 *	10	
Y	GB 2 116 876 A (LITTON SYSTEMS INC) 5 October 1983 * page 2, line 80 - line 89 * * page 2, line 100 - line 114 * * figures 1,4 * * figures 1,6 *	10	
A	WO 96 04993 A (LEDGER ENG PTY LTD ;BAYLISS JOHN ANDREW (AU); SHANNON JAMES WILLIA) 22 February 1996 * abstract * * figure 1 *	5,6	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 August 1998	Examiner Wennborg, J
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	

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