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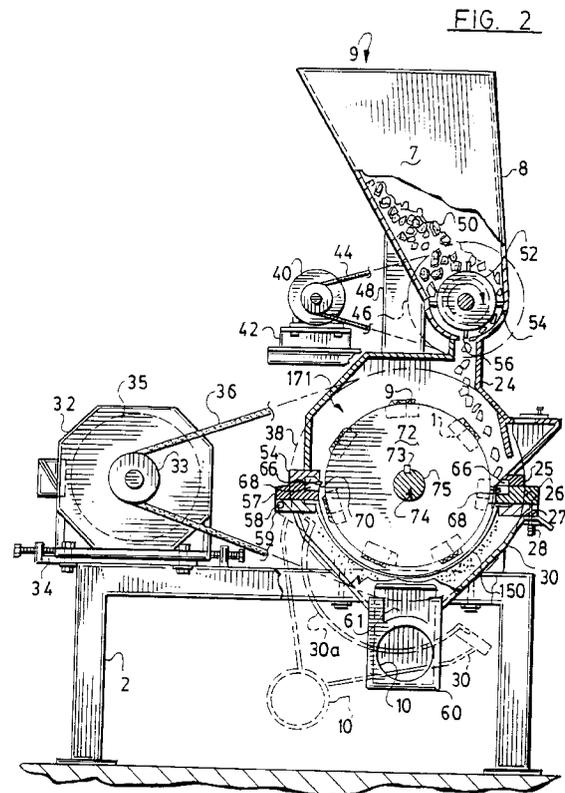
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(54) **Rotary comminuting device for small chunks.**

(57) This invention relates to a comminuting device which processes small pieces of bulk materials, such as pieces of rubber tires, into crumb-sized particles. It is designed to operate at slow speeds, 50 - 350 rpm by having the work material move along the exterior peripheral surface of a rotating drum (72) cutting efficiencies are improved. This unique invention provides cutting teeth on the stator (70) and drum (9) each having limited rotational movement which permits greater efficiency for cutting multi-grade materials such as rubber tires having steel and material cord. Cutting blades can be rotated three times to expose unused cutting edges before replacement is required.





European Patent  
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EUROPEAN SEARCH REPORT

Application Number  
EP 94 30 0976

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.5)
X	GB-A-1 580 208 (E.J. MAILLET) * page 2, line 21 - line 46 * * page 2, line 91 - line 104 * * page 3, line 37 - line 50 * * figures 1,4 *	1-3	B02C18/14 B02C18/18
Y	---	4-7	
X	US-A-4 015 782 (B.H. GRANITE) * the whole document *	1-3	
Y	---	4-7	
A	---	8,9	
Y	US-A-4 657 192 (J.N. BROWNING) * column 4, line 27 - line 50 * * figures 7,9 *	7	
X	GB-A-1 482 273 (E.J. MAILLET) * page 3, line 83 - line 107 * * page 4, line 8 - line 65 * * page 6, line 116 - page 7, line 7 * * figures 1,3 *	1-3	
Y	---	20	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
Y	FR-A-2 492 687 (SOCEA-BALENCY, SOBEA) * page 4, line 19 - page 7 * * figures *	20	B02C
A	---	21	
A	WO-A-88 08751 (MASKIN AB RAPID)		
A	US-A-5 127 588 (R.H. SCHMIDT)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 November 1994	Examiner Leitner, J
<b>CATEGORY OF CITED DOCUMENTS</b> 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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