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(54) **Mineral breaker.**

(57) A mineral breaker (10) including a pair of rotatable drums (14) each having radially projecting breaker teeth (16), the teeth on both drums being arranged in axially spaced groups (18) of circumferentially spaced teeth, the groups of teeth on one drum being axially offset from the groups of teeth on the other drum so that teeth in one group on one drum pass between neighbouring groups of teeth on the other drum, and a breaker bar (30) assembly located beneath the pair of drums and arranged to co-operate with the teeth on the drums so as to break oversized lumps of mineral passing between the drums, the breaker bar assembly including an elongate support member which extends longitudinally of the drums and on which a first and second series of laterally projecting breaker teeth are supported, the breaker teeth in each of said series of teeth being spaced from one another longitudinally of the support member to enable the groups of breaker teeth on a respective one of the drums to sweep therebetween.

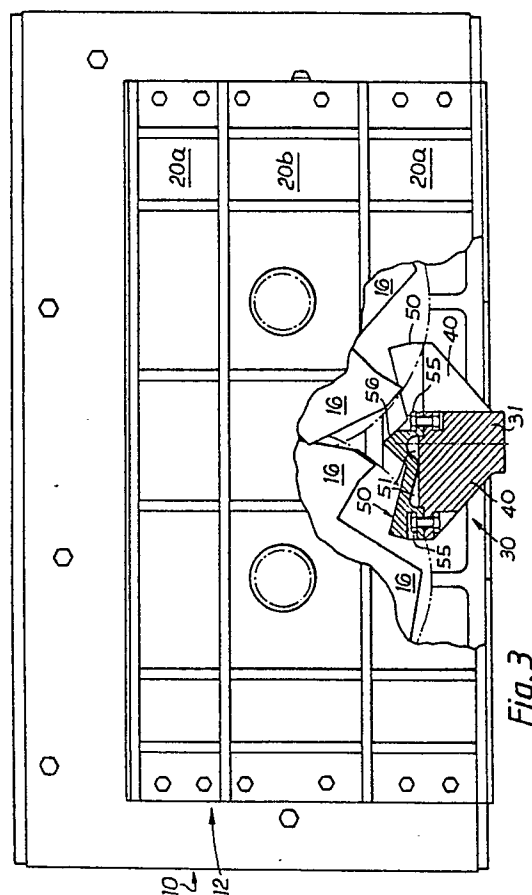


Fig. 3

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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.4)
Y	DE-A-3 203 328 (E.A. HAZEMAG) * Page 5, lines 5-20; page 4, lines 7-19; page 7, line 25 - page 8, line 9; figures 1,2 *	1,2,10	B 02 C 4/08 B 02 C 4/18 B 02 C 4/20
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Y	EP-A-0 052 165 (MMD DESIGN AND CONSULTANCY) * Page 1, line 23 - page 2, line 10; figures 1-3 *	1,2,10	
Y	SE-B- 437 477 (TILLVERKNINGS AB PROCESSPRODUKTER) * Whole document *	1,2,10	
A	EP-A-0 124 449 (SOCIETE D'ETUDES ET DE REALISATION THERMIQUES) * Page 5, lines 5-32; figures 1-4 *	1-3	
A	DE-C- 385 526 (FUNK & ESCH) * Page 1, lines 43-55; figure 1 *	3,6	
A	GB-A-2 155 808 (MMD DESIGN AND CONSULTANCY) * Page 1, lines 79-92; page 1, line 120 - page 2, line 4; page 2, lines 37-55; figures 1-3 *	9	TECHNICAL FIELDS SEARCHED (Int. Cl.4) B 02 C
A	EP-A-0 110 665 (PEAK PATTERN CO.) * Page 3, line 16 - page 4, line 1; page 8, line 11 - page 9, line 9; figures 1,6 *	1	
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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	12-10-1988	VERVEER D.	
CATEGORY OF CITED DOCUMENTS		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	
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	EP-A-0 114 725 (MMD DESIGN AND CONSULTANCY) * Page 1, lines 1-25; page 8, lines 2-14; figures 1,12 * -----	8	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-10-1988	Examiner VERVEER D.
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	