

Title (en)  
MINERAL SIZERS

Publication  
**EP 0167178 A3 19861112 (EN)**

Application  
**EP 85109073 A 19821217**

Priority  
• GB 8138347 A 19811219  
• GB 8225977 A 19820911

Abstract (en)  
[origin: WO8302071A1] A mineral breaker including at least one breaker drum (15) having breaker teeth (20) projecting radially therefrom, the teeth (20) being arranged so as to define a series of discrete circumferentially spaced helical formations (21) extending along the drum (15).

IPC 1-7  
**B02C 18/18**; **B02C 18/14**

IPC 8 full level  
**B02C 18/14** (2006.01); **B02C 18/18** (2006.01)

IPC 8 main group level  
**B02C** (2006.01)

CPC (source: EP)  
**B02C 18/142** (2013.01); **B02C 18/146** (2013.01)

Citation (search report)  
• [X] FR 2073746 A5 19711001 - BOHMTER MASCHF  
• [X] GB 2026342 A 19800206 - ENGELBRECHT & LEMMERBROCK  
• [X] DE 688590 C 19400224 - TEERVERWERTUNG GMBH  
• [Y] US 3578252 A 19710511 - BREWER JOHN C  
• [Y] GB 2044632 A 19801022 - MMD DESIGN & CONSULT

Cited by  
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Designated contracting state (EPC)  
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)  
**WO 8302071 A1 19830623**; AT E32567 T1 19880315; AT E51768 T1 19900415; AU 1106383 A 19830630; AU 561740 B2 19870514; AU 593090 B2 19900201; AU 7143287 A 19870903; BR 8208018 A 19831108; CA 1193586 A 19850917; DE 3278128 D1 19880331; DE 3280148 D1 19900517; DK 373183 A 19830816; DK 373183 D0 19830816; EP 0096706 A1 19831228; EP 0096706 B1 19880224; EP 0167178 A2 19860108; EP 0167178 A3 19861112; EP 0167178 B1 19900411; NZ 202861 A 19860124

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**GB 8200354 W 19821217**; AT 83900287 T 19821217; AT 85109073 T 19821217; AU 1106383 A 19821217; AU 7143287 A 19870410; BR 8208018 A 19821217; CA 417966 A 19821217; DE 3278128 T 19821217; DE 3280148 T 19821217; DK 373183 A 19830816; EP 83900287 A 19821217; EP 85109073 A 19821217; NZ 20286182 A 19821220