

Title (en)  
MINERAL BREAKER

Publication  
**EP 0246775 A3 19890201 (EN)**

Application  
**EP 87303933 A 19870501**

Priority  
GB 8612202 A 19860320

Abstract (en)  
[origin: EP0246775A2] 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.

IPC 1-7  
**B02C 4/08**; **B02C 4/18**; **B02C 4/20**

IPC 8 full level  
**B02C 4/08** (2006.01); **B02C 4/18** (2006.01)

CPC (source: EP)  
**B02C 4/08** (2013.01); **B02C 4/18** (2013.01)

Citation (search report)

- [Y] DE 3203328 A1 19830811 - HAZEMAG ANDREAS KG [DE]
- [Y] EP 0052165 A1 19820526 - MMD DESIGN & CONSULT [GB]
- [Y] SE 437477 B 19850304 - TILLVERKNINGS AB PROCESSPRODUK [SE]
- [A] EP 0124449 A1 19841107 - SERT SOC ET REAL THERMIQUES [FR]
- [A] DE 385526 C 19231124 - FUNKE & ESCH
- [A] GB 2155808 A 19851002 - MMD DESIGN & CONSULTANCY ISLE
- [A] EP 0110665 A2 19840613 - PEAK PATTERN CO [GB]
- [A] EP 0114725 A2 19840801 - MMD DESIGN & CONSULT [GB]

Cited by  
AU2004289509B2; CN112718088A; CN105728164A; US7658343B2; WO2005046874A1; WO0035585A1

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**EP 0246775 A2 19871125**; **EP 0246775 A3 19890201**; AU 7292987 A 19871001; CN 87103574 A 19871202; GB 8612202 D0 19860625; ZA 87655 B 19870930

DOCDB simple family (application)  
**EP 87303933 A 19870501**; AU 7292987 A 19870514; CN 87103574 A 19870514; GB 8612202 A 19860320; ZA 87655 A 19870129