

Title (en)
Mineral breaker.

Title (de)
Mineralbrecher.

Title (fr)
Broyeur pour minerais.

Publication
EP 0246775 A2 19871125 (EN)

Application
EP 87303933 A 19870501

Priority
GB 8612202 A 19860320

Abstract (en)
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**

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)

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

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
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