

Title (en)  
JAW CRUSHER

Title (de)  
BACKENBRECHER

Title (fr)  
CONCASSEUR À MÂCHOIRES

Publication  
**EP 3758847 B1 20240501 (EN)**

Application  
**EP 19710106 A 20190301**

Priority  
• GB 201803406 A 20180302  
• GB 2019050577 W 20190301

Abstract (en)  
[origin: GB2571571A] A jaw crusher 2 comprises a frame 4, a fixed jaw 6 and a moveable jaw 8. Frame 4 and jaws 6, 8 define a crushing chamber 10 for receiving material to be crushed when entering by opening 10a. Jaw crusher 2 also comprises shaft 12 configured for rotation with respect to frame 4 about an axis of rotation. Moveable jaw 8 is mounted for cyclic movement in the direction of fixed jaw 6 via shaft 12 and wherein moveable jaw 8 comprises a free end 8b coupled to shaft 12 via coupling mechanism 16 which has a first rotatable portion (16a, Fig 2) provided proximal the axis of rotation and configured for rotation about the axis of rotation. Coupling mechanism 16 comprising a linking arrangement, the linking arrangement 28 comprising an articulated arrangement having two or more components in the form of a pair of pitman links 36, and 38, 40, as toggle plates, connected via a joint. A release / adjustment mechanism 34 is configured to actuate when a force applied to the coupling mechanism by the moveable jaw exceeds a predetermined amount is included wherein actuation of the release mechanism reduces the force applied to the coupling mechanism. Also shown mounted end 8a of moveable jaw 8, second rotatable portion 14, manually adjustable wedges 32a, a fixed location 32, dispensing aperture 10b and crushing faces 42, 44.

IPC 8 full level  
**B02C 1/02** (2006.01)

CPC (source: EP GB)  
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