

Title (en)

CONE CRUSHER PROVIDED WITH A SYSTEM FOR ADJUSTING INTERJAW SPACE

Title (de)

KEGELBRECHER MIT EINEM SYSTEM ZUM VERSTELLEN DES ABSTANDS ZWISCHEN DEN BACKEN

Title (fr)

BROYEUR A CONE AVEC SYSTEME DE REGLAGE DE L'ECART ENTRE LES MACHOIRES

Publication

EP 1843851 A1 20071017 (FR)

Application

EP 05824608 A 20051207

Priority

- FR 2005003067 W 20051207
- FR 0413491 A 20041217

Abstract (en)

[origin: US2006131455A1] A cone crusher includes a truncated conical crushing chamber, whose wall supports a fixed jaw (1), and a conical head (2) mounted on a shaft coaxial with the chamber and provided with an eccentric. The eccentric carries the movable jaw (2). The spacing r between the jaws (1, 3), including the compensation for overall wear, is carried out when stopped, before working, by elements ensuring a vertical movement of the fixed jaw (1) relative to the frame (11), whilst the measures of adjustment, safety and daily wear compensation are adjusted, during working of the crusher, by at least one jack (7) located below the movable jaw (2) to provide to the latter a vertical movement.

IPC 8 full level

B02C 2/04 (2006.01)

CPC (source: EP US)

B02C 2/045 (2013.01 - EP US); **B02C 2/047** (2013.01 - EP US)

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Cited by

EP3132852A1; RU2691313C1; US11097284B2; WO2012140307A1; US9238228B2; WO2017033104A1

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