

Title (en)

Jaw crusher with automatic crush gap adjusting mechanism

Title (de)

Backenbrecher mit automatischer Brechspalteinstellung

Title (fr)

Concasseur à mâchoires avec réglage automatique de l'ouverture des mâchoires

Publication

EP 2135677 A1 20091223 (EN)

Application

EP 08158333 A 20080616

Priority

EP 08158333 A 20080616

Abstract (en)

A jaw crusher includes a machine with a moving base (60), a fixed base (70), a crush travel adjusting mechanism (80) for pivotally coupling the top of a crush travel adjusting base (81) to the machine (50) by an eccentric sleeve(812), and an automatic crush gap adjusting mechanism (90). A toggle plate (82) is installed between the crush travel adjusting base (81) and the moving base (60). A pull rod (83) of the moving base (60) having a compression spring tightly presses front and rear ends of the toggle plate (82). The automatic crush gap adjusting mechanism (90) fixes a steel slot (91) of a stop plate and a pair of triangular wedge-shaped lumps (92) to the position adjusting base (93) of the machine (50), and the stop plate (94) is installed between the steel slot (91) and the crush travel adjusting base (81), and a pull rod (95) of the adjusting base having a compression spring tightly presses both front and rear ends of the stop plate (94).

IPC 8 full level

B02C 1/02 (2006.01)

CPC (source: EP)

B02C 1/025 (2013.01)

Citation (search report)

- [X] US 5799888 A 19980901 - HAMAGUCHI MASAKI [JP], et al
- [A] WO 2008055315 A1 20080515 - CRUSHING & MINING EQUIPMENT PT [AU], et al
- [A] EP 0822006 A1 19980204 - KRUPP FOERDERTECHNIK GMBH [DE]
- [A] DE 1088785 B 19600908 - ALFRED KLEINKNECHT

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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