

Title (en)
Crushing jaw with plate retainer

Title (de)
Brechbacke mit Plattenhalter

Title (fr)
Mâchoire de broyage avec retenue de plaque

Publication
EP 2810718 A1 20141210 (EN)

Application
EP 13170226 A 20130603

Priority
EP 13170226 A 20130603

Abstract (en)
A crushing jaw (105) of a jaw crusher (100) comprising: a support frame (118) having a mount face (110) for mounting a crushing plate (114) against which material is crushed when passing through the crusher (100); at least one retainer body (204) fixed at the support frame (118) to project from the mount face (110) to support an intermediate plate (300) intended to be positioned between the mount face (110) and the crushing plate (114); at least one retainer head (301) extending laterally from the body (204) such that a part (303) of the head (301) is positioned opposed to the mount face (110); and at least one coupling element (302) to removably or adjustably mount the head (301) at the body (204) such that the head is configured to engage a region of the intermediate plate (300) and prevent said plate (300) from falling from the support frame (118).

IPC 8 full level
B02C 1/10 (2006.01)

CPC (source: EP)
B02C 1/10 (2013.01); **B02C 2210/02** (2013.01)

Citation (applicant)

- US 2302723 A 19421124 - SYMONS EDGAR B
- DE 4108517 A1 19910919 - LORO & PARISINI SPA [IT]
- WO 0041812 A1 20000720 - HAWKINS PETER A T [GB]
- WO 0236262 A1 20020510 - EXTEC IND PLC [GB], et al
- WO 2008046127 A1 20080424 - CRUSHING & MINING EQUIPMENT PTY LTD [AU], et al

Citation (search report)

- [A] US 2453596 A 19481109 - ROUBAL ALEXANDER J
- [A] US 2465607 A 19490329 - ROUBAL ALEXANDER J
- [A] US 3946955 A 19760330 - BOND RICHARD S
- [A] FR 2530491 A1 19840127 - ALSTHOM ATLANTIQUE [FR]

Cited by
CN112403562A; US11583864B2; WO2018192706A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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