

Title (en)

CLAMPING DEVICE FOR BEATER BARS IN PERIPHERAL SLOTS OF IMPACT-MILL ROTORS

Publication

EP 0447774 B1 19930818 (DE)

Application

EP 91101426 A 19910204

Priority

DE 4006329 A 19900301

Abstract (en)

[origin: CA2037309A1] The invention relates to a device for fixing beater bars 9 in peripheral cut-outs 8 of impact crusher rotors 2. Provided in the peripheral cut-outs 8 and firmly attached to rotor 2 are securing means 10, 11, which engage with, corresponding parts of the fitted beater bar 9, securing it against radial movement outwards. Also, provided in the peripheral cut-outs are wedges 16, which force into engagement securing means 10, 11 with the beater bar 2 and which are held in their clamping position by thrust elements 17, 18 which press them against the rotor 2. Thrust elements 17, 18 allocated to one beater bar are connected via transverse holes with the longitudinal hole 20 of an axis-parallel-extending component 19. According to the invention, the component 19 is formed as a pressure line rail, which is arranged at the base of the peripheral cut-outs 8, whereby the thrust elements 17 are arranged on the side of the pressure line rail facing towards the wedges 16, so that they are supported against the pressure line rail and thus against the rotor 2:

IPC 1-7

B02C 13/28

IPC 8 full level

B02C 13/28 (2006.01)

CPC (source: EP KR US)

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Cited by

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