

Title (en)

METHOD AND INSTALLATION FOR THE TWO-STAGE CRUSHING OF BRITTLE MATERIAL

Publication

EP 0273198 B1 19910206 (DE)

Application

EP 87117375 A 19871125

Priority

DE 3644341 A 19861223

Abstract (en)

[origin: US4783011A] A method and apparatus for the two-stage crushing of brittle material comprising a roll mill and a mill connected downstream thereof, the output of the second mill being delivered to a sifter in which a second branch stream of the grit obtained in the sifting operation is returned to the roll mill and a further branch stream is returned to the second mill. A first control circuit keeps the sum of the quantity of fresh material and the quantity of grit constant, while a second control circuit divides the quantity of grit into two branch streams in such a way that the drive power of the roll mill remains constant.

IPC 1-7

B02C 25/00

IPC 8 full level

B02C 4/02 (2006.01); **B02C 4/42** (2006.01); **B02C 17/00** (2006.01); **B02C 25/00** (2006.01)

CPC (source: EP KR US)

B02C 4/42 (2013.01 - KR); **B02C 25/00** (2013.01 - EP US)

Cited by

US9067213B2; US10981177B2

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

EP 0273198 A2 19880706; **EP 0273198 A3 19890816**; **EP 0273198 B1 19910206**; BR 8707014 A 19880809; CA 1284976 C 19910618; DE 3644341 A1 19880707; DE 3767990 D1 19910314; ES 2020252 B3 19910801; JP H0353020 B2 19910813; JP S63166442 A 19880709; KR 880007128 A 19880826; US 4783011 A 19881108

DOCDB simple family (application)

EP 87117375 A 19871125; BR 8707014 A 19871223; CA 553271 A 19871201; DE 3644341 A 19861223; DE 3767990 T 19871125; ES 87117375 T 19871125; JP 31726487 A 19871215; KR 870014778 A 19871223; US 13103587 A 19871210