

Title (en)

Annular-gap mill.

Title (de)

Ringspaltmühle.

Title (fr)

Broyeur à passage annulaire.

Publication

EP 0219036 B2 19941102 (DE)

Application

EP 86113847 A 19861007

Priority

DE 3536440 A 19851012

Abstract (en)

[origin: US4735366A] An annular gap-type mill for continuously pulverizing in particular hard mineral substances comprises a grinding container (15) which accommodates an axially symmetrical inner body (13) whose outer surface defines with the inner surface of the grinding container (15) a grinding gap (23). It is essential that the upper and lower region of the inner body (13) are tapered in opposite directions and adjoined to a common equatorial zone (24) of maxi diameter and that the outer surface of at least one of the regions is curved convexly. The grinding container (15) and/or the inner body (13) may be driven rotatingly. The annular gap-type mill is suited for wet and dry grinding and its quantitative and qualitative output is high.

IPC 1-7

B02C 17/16

IPC 8 full level

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CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

CH FR GB IT LI NL

DOCDB simple family (publication)

DE 3536440 C1 19870326; EP 0219036 A2 19870422; EP 0219036 A3 19880803; EP 0219036 B1 19900613; EP 0219036 B2 19941102; JP H0228377 B2 19900622; JP S6287255 A 19870421; US 4735366 A 19880405; ZA 867706 B 19870624

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DE 3536440 A 19851012; EP 86113847 A 19861007; JP 24284686 A 19861013; US 91797986 A 19861014; ZA 867706 A 19861009