

Title (en)  
ANNULAR-GAP MILL

Publication  
**EP 0219036 B1 19900613 (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  
**B02C 17/04** (2006.01); **B02C 17/10** (2006.01); **B02C 17/16** (2006.01)

CPC (source: EP US)  
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Cited by  
DE3838981A1; US4998678A

Designated contracting state (EPC)  
CH FR GB IT LI NL

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**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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