

Title (en)  
ENERGY EFFICIENT CENTRIFUGAL GRINDER

Title (de)  
ENERGIESPARENDER ZENTRIFUGAL-ZERKLEINERER

Title (fr)  
BROYEUR CENTRIFUGE A BON RENDEMENT ENERGETIQUE

Publication  
**EP 0925114 B1 20010627 (EN)**

Application  
**EP 96926296 A 19960812**

Priority  
CA 9600544 W 19960812

Abstract (en)  
[origin: WO9806497A1] A grinder of solids or solids in liquids has a multiple milling stage. A rotating disc plate (22) carries cutting elements (28) on one side and hammer elements (30) on another, both located at the circumference of the disc plate. The disc plate (22) is rotated in a screened chamber (16) to which the solids or the liquids containing solids to be ground are introduced. Ground product or slurry containing disintegrated solids is passed through the screen (20) before discharged. The use of disc plate and milling elements reduces required torque, leading to improved energy efficiency and results in better performance of the grinder.

IPC 1-7  
**B02C 13/18**; **B02C 18/06**; **B02C 18/08**; **B02C 18/40**

IPC 8 full level  
**B02C 13/18** (2006.01); **B02C 18/06** (2006.01); **B02C 18/08** (2006.01)

CPC (source: EP)  
**B02C 13/18** (2013.01); **B02C 18/0092** (2013.01); **B02C 18/062** (2013.01); **B02C 18/08** (2013.01); **B02C 2013/145** (2013.01)

Designated contracting state (EPC)  
BE DE DK ES FR IT SE

DOCDB simple family (publication)  
**WO 9806497 A1 19980219**; BR 9612694 A 20010102; CA 2261665 A1 19980219; CA 2261665 C 20011106; DE 69613596 D1 20010802; DE 69613596 T2 20020418; DK 0925114 T3 20010903; EP 0925114 A1 19990630; EP 0925114 B1 20010627; ES 2158331 T3 20010901; JP 2000516134 A 20001205

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**CA 9600544 W 19960812**; BR 9612694 A 19960812; CA 2261665 A 19960812; DE 69613596 T 19960812; DK 96926296 T 19960812; EP 96926296 A 19960812; ES 96926296 T 19960812; JP 50924298 A 19960812