

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.

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IPC 8 full level
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CPC (source: EP)
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