

Title (en)
CENTRIFUGAL MILL FOR GRINDING LOOSE MATERIAL

Title (de)
ZENTRIFUGALMÜHLE ZUM MAHLEN VON LOSEM MATERIAL

Title (fr)
BROYEUR CENTRIFUGE POUR MATERIAU EN VRAC

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Application
EP 05743047 A 20050504

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• IT MO20040138 A 20040528

Abstract (en)
[origin: WO2005118146A1] A centrifugal mill (1) for grinding loose material, comprising a frame (2) for supporting a grinding chamber (3) provided with a longitudinal axis (A) and with at least one opening (4, 5) for introducing and/or discharging respectively the material to be ground and the ground material, first means (6) for the articulation of the grinding chamber to the frame, which are formed proximate to one of the two opposite ends of the longitudinal axis (A) and are adapted to allow the grinding chamber (3) to perform a motion in which the longitudinal axis (A) rotates about a fixed axis (B) with which it shares a point of incidence (P), the angle of incidence between the axes (A, B) remaining substantially constant during the motion, means (8) for actuating the grinding chamber in the motion, which are provided proximate to the other end of the longitudinal axis, second means (7) for the articulation of the grinding chamber to the actuation means, and a solid body (9) that is formed inside the grinding chamber (3), a compartment delimited by internal walls (3a) of the grinding chamber (3) and by an external surface (9a) of the solid body (9) defining a portion of the chamber that is active for the milling.

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