

Title (en)
CENTRIFUGAL MILL COMPRISING TWO CHAMBERS

Title (de)
ZWEIKAMMER-SCHLEUDERMÜHLE

Title (fr)
BROYEUR CENTRIFUGE A DEUX CHAMBRES

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Abstract (en)
[origin: WO0240166A2] The invention relates to a centrifugal mill (10) comprising a rotor (14) which is rotatably positioned in an operational rotating direction (R) about a rotational axis (X) in a housing, and a plurality of chambers (22). A centrifugal blade (24) is associated with each of the centrifugal chambers (22), along which blade the grinding stock (18) is displaced from a radial inner grinding stock supply (18) to a radial outer cutting edge, during operation of the centrifugal mill (10) and following centrifugal forces, the grinding stock emerging at the cutting edge from the rotor (14) of the centrifugal mill. Each centrifugal blade (24) comprises a wall (28) having a radial inner end edge (28a) and a radial outer end edge (28b) as well as a wearing unit (42/44) which is adjacently fixed to the radial outer end edge (28b) of the wall (28) of the blade, and on which the cutting edge (30) is arranged. Said blade wall (28) is embodied in an arched manner and exposes its concave surface (28c) to the grinding product (16) which moves along the same. According to the invention, precisely two centrifugal chambers (22) are provided. When the two cutting edges (30) of the centrifugal blades are connected to each other and form the mean perpendicular (M) on the line of connection, the radial inner end edge (28b) of the walls (24) of the two centrifugal blades (24) are arranged near said mean perpendicular (M).

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