

Title (en)  
ROLLER MILL

Title (de)  
WÄLZMÜHLE

Title (fr)  
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Publication  
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Application  
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Abstract (en)  
[origin: DE4442099A1] The invention concerns a roller mill with a rotating pan (2), grinding rollers (6) which roll over the pan and retaining devices (10) designed to influence the movement between the grinding rollers of the material being ground. In order to raise the throughput of such a mill, while keeping capital costs low, the invention calls for efficient, wear-resistant retention devices (10) to be located between the grinding rollers (6), each device comprising a rotating wall made up of one or more retention rollers (10). The retention rollers have retention faces (12, 15) which block the movement of material outwards, thus retaining it for further grinding. In a first embodiment, one retention face (12) is the inwards-facing side of the retention roller. In another embodiment, the retention rollers are fitted with radially projecting rings (17), thus giving additional retention faces (15).

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**DE 4442099 A1 19960530; DE 4442099 C2 19970814;** AU 3980895 A 19960619; BR 9510391 A 19990406; CA 2205387 A1 19960606; CA 2205387 C 20050301; CN 1103640 C 20030326; CN 1166796 A 19971203; DE 59506696 D1 19990930; DK 0792191 T3 20000327; EP 0792191 A1 19970903; EP 0792191 B1 19990825; ES 2137548 T3 19991216; JP 3668253 B2 20050706; JP H10510749 A 19981020; KR 100402327 B1 20040205; MX 9703803 A 19970830; MY 129616 A 20070430; TW 292983 B 19961211; US 6113015 A 20000905; WO 9616742 A1 19960606; ZA 959149 B 19960619

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