

Title (en)

Ring roller mill for pressure milling of granular material

Title (de)

Ringwalzenmühle zur Druckzerkleinerung körnigen Gutmaterials

Title (fr)

Broyeur à anneau et rouleau pour le broyage par pression de matériau granulé

Publication

EP 0829303 A1 19980318 (DE)

Application

EP 97114172 A 19970816

Priority

DE 19637274 A 19960913

Abstract (en)

The mill has a rotary grinding ring (10) whose cylindrical inside surface forms a grinding track (14), against which a drum (13) is pressed. An inlet and outlet are provided for the material, together with a gas inlet and exhaust. The grille (29) of a sieve-cage is mounted inside the ring and between the track and the drum. The ring can be mounted between end walls (15,16) forming a housing in conjunction with it. Material flows in via one or more openings (18) in one or both walls, and out via others and/or lateral bends (19) above the drum. The bearings for the latter can be outside the walls, and scrapers can be fixed to the latter, bearing against the track (14).

Abstract (de)

Um eine Ringwalzenmühle bzw. eine Umlaufmahanlage mit Ringwalzenmühle und Sichter zu schaffen, die sich durch eine möglichst kompakte Einheit in Verbindung mit vergleichsweise niedrigen Investitions- und Betriebskosten auszeichnet, wird erfindungsgemäß vorgeschlagen, innerhalb des Mahlrings 10 einer Ringwalzenmühle im Raum zwischen der Mahlbahn 14 und der Mahlwalze 13 den Stabkorb 29 eines dynamischen Stabkorbsichters anzuordnen. <IMAGE>

IPC 1-7

B02C 15/06; **B02C 23/32**; **B02C 23/16**

IPC 8 full level

B02C 15/06 (2006.01); **B02C 23/16** (2006.01); **B02C 23/32** (2006.01); **B02C 15/00** (2006.01)

CPC (source: EP)

B02C 15/06 (2013.01); **B02C 23/16** (2013.01); **B02C 23/32** (2013.01); **B02C 2015/002** (2013.01)

Citation (applicant)

DE 1507600 A1 19690717 - MIAG MUEHLENBAU & IND GMBH

Citation (search report)

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