

Title (en)
Tube mill.

Title (de)
Rohrmühle.

Title (fr)
Broyeur tubulaire.

Publication
EP 0680788 A1 19951108 (DE)

Application
EP 95106436 A 19950428

Priority
DE 4416267 A 19940507

Abstract (en)
The windmill comprises openings (13,14) in the edge of the end wall (10) of the tube (11). The openings lead into a ring channel (15) which is fixed to the exterior of the end wall. A ring-shaped housing (19) is fixed in front of the end wall of the tube and has a gas tight seal against the ring channel (15). The grinding air stream (16) which mainly enters via the upper openings (13) and the ground material which mainly enters via the lower openings (14) are brought together in the housing. The ground material (17) is supplied pneumatically by the grinding air stream to an upper opening. The central drive unit (12) in the middle of the housing engages directly on the end wall of the grinding tube. <IMAGE>

Abstract (de)
Bei Rohrmühlen mit einem Zentralantrieb erfolgt der Austrag des Mahlgutes durch ein Halslager oder durch Öffnungen in der Mantelfläche (11) des Mühlenrohres. Um bei hohem Luftdurchsatz auf die Vorteile eines Zentralantriebes (12) nicht zu verzichten und einen annähernd ungehinderten Luftaustritt aus der Rohrmühle zu ermöglichen, wird gemäß der Erfindung vorgeschlagen, die Austragsöffnungen (13, 14) peripher an der Stirnwand (10) der Rohrmühle anzuordnen. <IMAGE>

IPC 1-7
B02C 17/18

IPC 8 full level
B02C 17/18 (2006.01)

CPC (source: EP)
B02C 17/183 (2013.01); **B02C 17/188** (2013.01)

Citation (search report)
• [A] EP 0184326 A2 19860611 - SMIDTH & CO AS F L [DK]
• [A] DE 113844 C

Cited by
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AT BE DE DK ES FR IT

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EP 95106436 A 19950428; AT 95106436 T 19950428; DE 4416267 A 19940507; DE 59502308 T 19950428; DK 95106436 T 19950428