

Title (en)

Vane wheel arrangement for air current roller mills

Title (de)

Schaufelkranz für Luftstrom-Wälzmühlen

Title (fr)

Anneau à aubes pour broyeurs à rouleaux à courant d'air

Publication

EP 0988894 A3 20000531 (DE)

Application

EP 99117648 A 19990907

Priority

DE 19844113 A 19980925

Abstract (en)

[origin: EP0988894A2] Guide vanes (4) of the mill are rotatable and lockable at a predetermined angle (α). The guide vanes are attached to the outer ring (2) in the region of the pivot points (25). The outer ring, at least in the swivel areas of the individual vanes, is constructed plane and perpendicular to the guide vanes. The blade ring is constructed as a polygonal ring in segmented form which has a number of segments each with one or more pivotable guide vanes.

IPC 1-7

B02C 15/00

IPC 8 full level

B02C 15/04 (2006.01); **B02C 15/00** (2006.01); **B02C 15/06** (2006.01)

CPC (source: EP US)

B02C 15/001 (2013.01 - EP US)

Citation (search report)

- [A] US 4084754 A 19780418 - BRUNDIEK HORST
- [A] US 5090631 A 19920225 - WARK RICKEY E [US]
- [AD] EP 0165429 A1 19851227 - KRUPP POLYSIUS AG [DE]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 014, no. 007 (C - 673) 10 January 1990 (1990-01-10)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 501 (C - 652) 10 November 1989 (1989-11-10)

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