

Title (en)

Agitator mill for microgrinding.

Title (de)

Rührwerkmühle zur Feinstmahlung.

Title (fr)

Broyeur agitateur pour le microbroyage.

Publication

EP 0410229 B1 19940302 (DE)

Application

EP 90113421 A 19900713

Priority

DE 3924678 A 19890726

Abstract (en)

[origin: EP0410229A1] An agitator mill for microgrinding a dispersion, preferably a magnetic dispersion is described, said mill consisting of a cylindrical agitator mill for receiving material for grinding and grinding bodies, in which a rotating shaft (6) is provided, to which a plurality of grinding discs (1) which act as agitator elements are attached. Said discs rotate eccentrically as a result of appropriate attachment on the agitator shaft and are provided at the same time with a plurality of rotating, bevelled effective areas (2, 3, 4) which are arranged on one side or both sides. In this way, axial and radial feeding of the material for grinding is ensured, at the same time blocking of the grinding ball being prevented even when it is filled to a high level and nevertheless a high input of energy in terms of grinding effectiveness being possible. <IMAGE>

IPC 1-7

B02C 17/16

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3050628A1; DE4234759C2; EP3725411A1; EP3725411B1

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