

Title (en)

SOLID PARTICLES PROJECTION DEVICE FOR A CENTRIFUGAL CRUSHER UNDER VACUUM

Publication

EP 0191696 A3 19871223 (FR)

Application

EP 86400256 A 19860206

Priority

FR 8502234 A 19850215

Abstract (en)

[origin: US4682739A] Device for projecting solid particles for a vacuum centrifugal grinder incorporating a rotationally driven distributor wheel (20) in which a plurality of ejection channels are formed. The particle-guiding face in each channel (21, 22) has a curvature (A) extending in the direction of rotation of the distributor wheel (20) and whose outline, calculated as a function of the friction coefficients of the materials in contact, produces the attachment to said curvature (A) of a stable self-protection layer (30) consisting of the particles themselves, with automatic regeneration of the layer as it wears. The invention applies, for example, to the grinding of cement or pulverized coal.

IPC 1-7

B02C 19/00

IPC 8 full level

B02C 13/18 (2006.01); **B02C 19/00** (2006.01)

CPC (source: EP US)

B02C 13/1842 (2013.01 - EP US)

Citation (search report)

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