

Title (en)

Impeller for a vacuum impact crusher.

Title (de)

Schleuderrad für unter Vakuum arbeitenden Prallbrecher.

Title (fr)

Roue de broyeur à projection sous vide.

Publication

**EP 0233812 A2 19870826 (FR)**

Application

**EP 87400175 A 19870126**

Priority

FR 8601774 A 19860210

Abstract (en)

[origin: US4738403A] A distributor wheel 20 comprises, downstream of each outlet aperture (24, 25) of its channels (22, 23), in relation to the direction of the projection of particles, a member (30, 33, 34) fixed for rotation with the wheel (20) and making it possible to form, at the end of the guide face of each channel (22, 23), a stable protective cushion composed of the particles themselves and extending the stable self-protection layer (28), and to eliminate the contact force between the particles and the wheel (20) before ejection and projection of the particles onto the target.

Abstract (fr)

La roue distributrice (20) comporte, en aval de chaque orifice de sortie (24, 25) des canaux (22, 23) par rapport à la direction de projection des particules, un élément (30, 33, 34) solidaire en rotation avec ladite roue (20) et permettant d'une part de créer, au niveau de l'extrémité de la face de guidage de chaque canal (22, 23), un matelas de protection stable constitué par les particules elles-mêmes et prolongeant la couche stable (28) d'autoprotection, et d'autre part d'annuler l'effort de contact entre les particules et la roue (20) avant l'éjection et la projection desdites particules sur la cible.

IPC 1-7

**B02C 19/00**

IPC 8 full level

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