

Title (en)

PROCESS AND DEVICE FOR APPORTIONING POWDERS.

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DOSIERUNG VON PULVERN.

Title (fr)

PROCEDE ET DISPOSITIF DE DOSAGE DE POUDRES.

Publication

EP 0349560 A1 19900110 (DE)

Application

EP 88902461 A 19880315

Priority

DE 3708933 A 19870319

Abstract (en)

[origin: EP0282958A1] Process for expelling very fine powders through narrow openings or nozzles, which exploits the action of vibration on the particles of powder, the frequency of vibration being the same as, or similar to, the frequency of the particles' natural resonance. Device for implementing said process, consisting essentially of a reservoir (1) coupled to a vibration generator (4, 5) and provided with a nozzle (2).

Abstract (fr)

Un procédé d'évacuation de poudres fines par des orifices ou des ajutages étroits utilise l'effet de vibrations sur les particules des poudres, la fréquence des vibrations étant égale ou proche de la fréquence de résonance propre des particules. L'appareil utilisé pour appliquer ce procédé comprend un réservoir (1) couplé à un générateur de vibrations (4, 5) et pourvu d'un ajutage (2).

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