

Title (en)

Method and apparatus for jet milling in a fluidised bed

Title (de)

Verfahren und Vorrichtung zur Fließbett-Strahlmahlung

Title (fr)

Procédé et appareil de broyage à jet à lit fluidisé

Publication

EP 0603602 B1 19970514 (DE)

Application

EP 93119416 A 19931202

Priority

DE 4243438 A 19921222

Abstract (en)

[origin: US5423490A] Method and device for fluidized jet mill grinding wherein a nozzle construction is provided in which the momentum of the jet issuing from the nozzle is varied between areas of high momentum and areas of low momentum immediately after leaving the nozzle. A drop in pressure from the periphery to the core area of the jet develops so that flow channels are formed at right angles to the flow direction of the jet. Particles of the material to be comminuted are thereby drawn into the center of the jet where they are accelerated to the impact velocity necessary for their comminution during the course of the jet travel.

IPC 1-7

B02C 19/06

IPC 8 full level

B02C 19/06 (2006.01)

CPC (source: EP KR US)

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Cited by

EP1754539A1; US7490785B2; US7951237B2; US8496748B2

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