

Title (en)
Arrangement for a fluidized bed jet mill

Title (de)
Vorrichtung für die Fließbett-Strahlmahlung

Title (fr)
Dispositif pour broyeur à jet à lit fluidisé

Publication
EP 0736328 B1 19990818 (DE)

Application
EP 96105333 A 19960403

Priority
DE 19513034 A 19950406

Abstract (en)
[origin: EP0736328A1] The fluidized bed grinder sends a high speed jet of gas or steam from a main nozzle (2) into the fluidized bed to draw in solid particles. Secondary nozzles (6,7) are also provided whose jet outlet directions (8,9) are inclined to that of the main nozzle so that the secondary jets project into the main jet stream immediately this has left the main nozzle. Preferably three secondary nozzles are arranged evenly spaced round the main nozzle with the outlet openings of all the nozzles lying in one plane and the jet axes of each of the secondary nozzles intersecting the main jet axis at an angle of 5 to 60 degs. The nozzles can open into a chamber directly behind the front end of a common nozzle housing

IPC 1-7
B02C 19/06

IPC 8 full level
B02C 19/06 (2006.01)

CPC (source: EP US)
B02C 19/06 (2013.01 - EP US); **B02C 19/068** (2013.01 - EP US)

Cited by
AT408797B; SG80073A1; US6196482B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0736328 A1 19961009; EP 0736328 B1 19990818; DE 19513034 A1 19961010; DE 59602762 D1 19990923; ES 2136911 T3 19991201; US 5732893 A 19980331

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