

Title (en)
JET MILLS

Publication
EP 0094307 B1 19870930 (FR)

Application
EP 83400913 A 19830505

Priority
FR 8208532 A 19820512

Abstract (en)
[origin: EP0094307A2] 1. A jet crusher in which the granular and powdered material is continuously or discontinuously fed in an enclosure around which are disposed several nozzles (2, 3), arranged at different levels and fed with a pressurized fluid insuring centripetal jets appreciably horizontal within the material in order to cause crushing areas by the impacts between the grains (attrition) and raise the most fine particles which are then permanently extracted by the top, whereas the bigger particles, because insufficiently crushed, laterally fall back into the material to be crushed, the big particles carry along with the fines being fed again in the crushing enclosure after sorting in the separator, characterized by the fact that the nozzles (2, 3) are fed with controlled pulses of gas by at least a distributor (34, 40) feeding alternately the different nozzles (2, 3).

IPC 1-7
B02C 19/06

IPC 8 full level
B02C 19/06 (2006.01)

CPC (source: EP)
B02C 19/061 (2013.01)

Cited by
AT400820B; US4852811A

Designated contracting state (EPC)
AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)
EP 0094307 A2 19831116; EP 0094307 A3 19851009; EP 0094307 B1 19870930; AT E29972 T1 19871015; DE 3373875 D1 19871105; ES 522193 A0 19840201; ES 8401864 A1 19840201; FR 2526679 A1 19831118; FR 2526679 B1 19880408

DOCDB simple family (application)
EP 83400913 A 19830505; AT 83400913 T 19830505; DE 3373875 T 19830505; ES 522193 A 19830509; FR 8208532 A 19820512