

Title (en)

Method for operating a jet mill and jet mill

Title (de)

Verfahren zum Betrieb einer Strahlmühle sowie Strahlmühle

Title (fr)

Procédé destiné au fonctionnement d'un pulvérisateur à jet et pulvérisateur à jet

Publication

EP 2527040 A3 20170607 (DE)

Application

EP 12004028 A 20120524

Priority

DE 102011102614 A 20110527

Abstract (en)

[origin: EP2527040A2] The method involves supplying particles as grinding stock in a grinding chamber (5) of the jet mill (1). The grinding stock is grinded to fine particles by grinding as superheated water vapor or technical gas is used as operating fluid. The surface active additive is supplied to the grinding stock for stabilizing the generated fine particles. The additive is mixed with the grinding stock before grinding. The additive is directly introduced in the grinding chamber. The operating fluid contains hydrogen or helium as technical gas. An independent claim is included for a jet mill with an operating fluid supply unit.

IPC 8 full level

B02C 19/06 (2006.01); **B02C 23/18** (2006.01)

CPC (source: EP US)

B02C 19/068 (2013.01 - EP US); **B02C 23/18** (2013.01 - EP US)

Citation (search report)

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- [Y] WO 2005089717 A1 20050929 - CHIESI FARMA SPA [IT], et al
- [Y] WO 2007008480 A1 20070118 - NANOTHERAPEUTICS INC [US], et al
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CN109225546A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2527040 A2 20121128; EP 2527040 A3 20170607; BR 102012012761 A2 20130625; BR 102012012761 B1 20201215; CN 102847597 A 20130102; CN 102847597 B 20160706; DE 102011102614 A1 20121129; JP 2012245516 A 20121213; JP 2015091587 A 20150514; JP 6275059 B2 20180207; US 2012298782 A1 20121129; US 9010666 B2 20150421

DOCDB simple family (application)

EP 12004028 A 20120524; BR 102012012761 A 20120528; CN 201210323647 A 20120525; DE 102011102614 A 20110527; JP 2012118958 A 20120524; JP 2015005985 A 20150115; US 201213481138 A 20120525