

Title (en)
Vortex mill

Title (de)
Wirbelstrommühle

Title (fr)
Broyeur à vortex

Publication
EP 1110615 B1 20080416 (DE)

Application
EP 00126687 A 20001205

Priority
DE 19962049 A 19991222

Abstract (en)
[origin: EP1110615A1] In the vortex grinder which uses a vortex gas flow in addition to the opening (13) for the discharge in the sleeve (8) of the housing (5) which takes up the grinding material there is a further opening (14) associated with a device (17) with variable opening cross-section. Seen in the direction of rotation of the rotor the additional opening is set shortly behind the discharge opening. A vertical partition (19) in the cross section of the housing is set in the outlet pipe area (15) so that it runs tangentially from the inner restriction of the housing to the side of the outlet pipe closest to the additional opening.

IPC 8 full level
B02C 13/18 (2006.01); **B02C 13/288** (2006.01); **B02C 23/20** (2006.01)

CPC (source: EP)
B02C 13/18 (2013.01); **B02C 13/288** (2013.01); **B02C 23/20** (2013.01); **B02C 2013/145** (2013.01)

Cited by
EP1733625A1; EP2139603A4; US8067051B2; WO2007118749A1; WO2014166797A3; WO02055743A3; WO2014037237A1;
DE102012108295A1

Designated contracting state (EPC)
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EP 1110615 A1 20010627; **EP 1110615 B1 20080416**; AT E392257 T1 20080515; DE 19962049 A1 20010726; DE 19962049 C2 20030227;
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