

Title (en)
AGITATOR MILL

Publication
EP 0260604 A3 19890222 (DE)

Application
EP 87113255 A 19870910

Priority
DE 3631375 A 19860915

Abstract (en)
[origin: EP0260604A2] An agitator mill has a separating device (36), which allows treated grist (16) to emerge from a milling chamber (12), but retains grinding medium (14). The separating device (36) is mounted on a rotary- drivable tubular section (32) which is open at one end (42) for an axial inflow of grist (16) and grinding medium (14). The inner wall (40) of the tubular section (32) widens conically and generates an enveloping flow (46) which in the tubular section (32) extends around the central axial inflow (44) of grinding medium (14) and grist (16), runs in the opposite direction to the latter and consists predominantly of grinding medium (14). On the same axis as the rotary- drivable tubular section (32) is a grinding medium inlet (56) which is connected to a storage vessel (60) filled with grinding medium (14). The rotating tubular section (32) propels grinding medium (14) out of the grinding medium inlet (56) into the milling chamber (12). <IMAGE>

IPC 1-7
B02C 17/16

IPC 8 full level
B02C 17/16 (2006.01)

CPC (source: EP)
B02C 17/161 (2013.01)

Citation (search report)
• [AD] EP 0146852 B1 19870304
• [AD] DE 3245825 A1 19840614 - BUEHLER AG GEB [CH]
• [AD] DE 1757942 A1 19710708 - VYZK USTAV ORGAN SYNTEZ
• [A] DE 1757953 A1 19710616 - HEIDENAU MASCHF VEB

Cited by
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