

Title (en)  
Stirring mill

Title (de)  
Rührwerksmühle

Title (fr)  
Broyeur à agitateur

Publication  
**EP 1724022 B1 20070502 (DE)**

Application  
**EP 05010815 A 20050519**

Priority  
EP 05010815 A 20050519

Abstract (en)  
[origin: EP1724022A1] The radial gap width (g) of the outer grinding chamber (8a) is less than the gap width (h) of the inner grinding chamber (8b). The cross sectional surface area (Fa) of the outer grinding chamber is no greater than that (Fb) of the inner grinding chamber. Preferably Fb lies between 1.2 times Fa and 7 times Fa. The gap width of the outer grinding chamber is related to the diameter (i) of the largest grinding aid solids (38), which is preferably up to 1.5 mm. The gap width of the outer grinding chamber is preferably up to 5.0 mm.

IPC 8 full level  
**B02C 17/16** (2006.01)

CPC (source: EP KR US)  
**B02C 17/00** (2013.01 - KR); **B02C 17/08** (2013.01 - KR); **B02C 17/16** (2013.01 - KR); **B02C 17/166** (2013.01 - EP US)

Cited by  
EP4032615A1; DE102021101527A1; DE102021101527B4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1724022 A1 20061122; EP 1724022 B1 20070502**; AT E361146 T1 20070515; CN 100544892 C 20090930; CN 1864928 A 20061122; DE 502005000670 D1 20070614; ES 2285603 T3 20071116; JP 2006320898 A 20061130; JP 5010853 B2 20120829; KR 101245478 B1 20130325; KR 20060120465 A 20061127; US 2006261200 A1 20061123; US 7216822 B2 20070515

DOCDB simple family (application)  
**EP 05010815 A 20050519**; AT 05010815 T 20050519; CN 200610082637 A 20060519; DE 502005000670 T 20050519; ES 05010815 T 20050519; JP 2006138920 A 20060518; KR 20060044818 A 20060518; US 17131905 A 20050701