

Title (en)  
Agitator mill

Title (de)  
Rührwerksmühle

Title (fr)  
Broyeur agitateur

Publication  
**EP 0700723 B1 19990421 (DE)**

Application  
**EP 95113212 A 19950823**

Priority  
DE 4432203 A 19940909

Abstract (en)  
[origin: EP0700723A1] The mill with a stirring mechanism has a material container (12) with a cylindrical wall (13) and a first face wall, ie. a cover (14) and a second face wall, ie. a floor (15), limiting a material chamber (16). In the material container there is a stirring mechanism, which has a stirring mechanism shaft (18) located outside the material chamber and with a free end, and a stirring tool (20) attached to it. A drive motor (5) provides high speed drive to the stirring mechanism, with a cage-type section (27) at the free end of the stirring mechanism shaft, next to the second face wall, and limiting an inner space (28). A ring-cylindrical material inlet chamber (32) is provided between the cage-type section limiting an inner space and the wall of the material container.

IPC 1-7  
**B02C 17/16**

IPC 8 full level  
**B02C 17/00** (2006.01); **B02C 17/16** (2006.01); **B02C 17/18** (2006.01)

CPC (source: EP US)  
**B02C 17/16** (2013.01 - EP US); **B02C 17/161** (2013.01 - EP US)

Cited by  
WO2009024159A1; DE102014105149B4; US8002213B2; WO2009024158A1; WO2007054967A3; DE102014105149A1; WO2015154742A1

Designated contracting state (EPC)  
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