

Title (en)
Agitator mill

Title (de)
Rührwerksmühle

Title (fr)
Broyeur agitateur

Publication
EP 0700723 A1 19960313 (DE)

Application
EP 95113212 A 19950823

Priority
DE 4432203 A 19940909

Abstract (en)
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.

Abstract (de)
Eine Rührwerksmühle weist einen Mahlbehälter (12) und ein in diesem angeordnetes Rührwerk mit einer Rührwerkswelle (18) auf. Die Rührwerkswelle ist hohl ausgebildet, wobei dieser Mahlgut-Mahlhilfskörper-Rückführraum an einem Ende der Rührwerkswelle (18) mit dem Mahlraum (16) verbunden ist. Am anderen Ende der Rührwerkswelle mündet der Rückführraum (25) in einen käfigartigen Abschnitt (27) der Rührwerkswelle (18) wobei eine Mahlhilfskörper-Rückhalteeinrichtung (35) ebenfalls in diesen Abschnitt (27) hineinragt. <IMAGE>

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)

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Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0700723 A1 19960313; EP 0700723 B1 19990421; AT E179094 T1 19990515; AU 3051495 A 19960321; AU 684985 B2 19980108; BR 9503978 A 19960924; CA 2157702 A1 19960310; CN 1040511 C 19981104; CN 1119557 A 19960403; DE 4432203 A1 19960314; DE 59505693 D1 19990527; ES 2130483 T3 19990701; JP 3600324 B2 20041215; JP H0899045 A 19960416; RU 2138334 C1 19990927; US 5566896 A 19961022; ZA 957581 B 19960415

DOCDB simple family (application)
EP 95113212 A 19950823; AT 95113212 T 19950823; AU 3051495 A 19950908; BR 9503978 A 19950908; CA 2157702 A 19950907; CN 95116252 A 19950907; DE 4432203 A 19940909; DE 59505693 T 19950823; ES 95113212 T 19950823; JP 23150695 A 19950908; RU 95115688 A 19950907; US 52477895 A 19950907; ZA 957581 A 19950908