

Title (en)
Agitator mill

Title (de)
Rührwerksmühle

Title (fr)
Broyeur agitateur

Publication
EP 0700722 A1 19960313 (DE)

Application
EP 95113143 A 19950822

Priority
DE 4432200 A 19940909

Abstract (en)
The ground material and grinding aid body separating device (24) is separate from the stirrer grinder (1). It is attached to the discharge pipe (23) leading out of the grinding chamber (15) and has a housing (25) containing a rotor (31). The rotor is drivable independent of the rotary drive of the stirrer and centrifuges the grinding aid bodies (52) away from the ground material. The grinding container (11), ground material and grinding aid body discharge pipe (23), separating device (24) and ground material supply and grinding aid body return pipe (22) form a closed system. Only the ground material pump (53) set in the ground material supply pipe (51) serves as the conveyor device for the ground material and grinding aid bodies (52) in the pipe (22).

Abstract (de)
Eine Rührwerksmühle (1) ist mit einer von dieser gesonderten Mahlgut-Mahlhilfskörper-Trennvorrichtung (24) versehen, die einen drehantreibbaren Rotor (31) zur Trennung der Mahlhilfskörper (52) vom behandelten Mahlgut aufweist. Die Mahlhilfskörper (52) werden mit unbehandeltem Mahlgut zur Rührwerksmühle (1) zurücktransportiert. Die Trennvorrichtung (24) bildet zusammen mit der Rührwerksmühle (1) und den diese verbindenden Leitungen (22, 23) ein geschlossenes System. <IMAGE>

IPC 1-7
B02C 17/16

IPC 8 full level
B02C 17/16 (2006.01); **B02C 17/18** (2006.01); **B02C 17/24** (2006.01)

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

Citation (applicant)

- DE 3038794 A1 19820527 - BUEHLER AG GEB [CH]
- EP 0058886 A2 19820901 - DRAISWERKE GMBH [DE]
- US 4496106 A 19850129 - GROSS HORST [DE]
- US 2595117 A 19520429 - NIKOLAI AHLMANN
- EP 0146852 A1 19850703 - NETZSCH MASCHINENFABRIK [DE]

Citation (search report)

- [XA] DE 4025987 A1 19920220 - BUEHLER AG [CH]
- [AD] DE 3038794 A1 19820527 - BUEHLER AG GEB [CH]
- [A] DE 3844380 C1 19900118
- [AD] EP 0146852 A1 19850703 - NETZSCH MASCHINENFABRIK [DE]

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