

Title (en)

Apparatus for sanitary wet milling

Title (de)

Vorrichtung für sanitäre Nassvermahlung

Title (fr)

Appareil pour concassage humide hygiénique

Publication

EP 1867394 A3 20080305 (EN)

Application

EP 07015062 A 20010426

Priority

- EP 01930812 A 20010426
- US 19992300 P 20000426

Abstract (en)

[origin: EP1867394A2] Improved cleanability and contamination prevention are provided in a wet milling apparatus (1) for the production of pharmaceutical grade milled products. The advantages are provided by a milling agitator (40) that is characterized by a smooth, seamless agitating surface, without crevices or seams which might accumulate contamination and which might prevent removal of contamination during cleaning. The use of polymeric milling media reduces wear on the agitator and permits the agitator to be constructed with permanent, smooth weld joints. Seamless joints are also provided on the interior of the milling chamber (6) and sanitary, threadless fasteners are provided for the media separation screen (81) and other milling fittings.

IPC 8 full level

B02C 17/16 (2006.01); **B01F 7/00** (2006.01); **B01F 15/00** (2006.01); **B01F 15/06** (2006.01); **B02C 17/00** (2006.01); **B02C 17/18** (2006.01); **B02C 17/20** (2006.01)

CPC (source: EP)

B02C 17/16 (2013.01); **B02C 17/163** (2013.01); **B02C 17/18** (2013.01)

Citation (search report)

- [X] US 5897068 A 19990427 - STEHR NORBERT [DE]
- [XD] US 5853132 A 19981229 - TSUJI NORIMASA [JP]
- [X] US 5950943 A 19990914 - STEHR NORBERT [DE]

Cited by

US9278357B2; WO2012123347A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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