

Title (en)
STIRRER MILL

Title (de)
RÜHRWERKSMÜHLE

Title (fr)
BROYEUR MELANGEUR

Publication
EP 1943022 B1 20100331 (DE)

Application
EP 05792291 A 20051011

Priority
EP 2005010910 W 20051011

Abstract (en)
[origin: WO2007042059A1] The invention relates to a stirrer mill for the treatment of pourable mill feed comprising a milling container (2) and an inner stator (22), arranged therein. An annular cylindrical rotor (35) is arranged between the inner stator (22) and the container wall (9) which may be driven in rotation, between which and the container wall (9), a milling chamber (8) is defined. A mill feed outlet channel (47) is arranged between the rotor (35) and the inner stator (22) connected to the milling chamber (8) by means of a deflector channel (50). Devices for prevention of the overflow of milling auxiliaries (43) from the milling chamber (8) into the mill feed outlet channel (47) are provided.

IPC 8 full level
B02C 17/16 (2006.01)

CPC (source: EP KR US)
B02C 17/00 (2013.01 - KR); **B02C 17/16** (2013.01 - EP KR US); **B02C 17/161** (2013.01 - EP US); **B02C 17/163** (2013.01 - EP US); **B02C 17/166** (2013.01 - EP US)

Cited by
DE102015107789B3; WO2016184445A1; EP4032615A1; DE102021101527A1; DE102021101527B4

Designated contracting state (EPC)
CH DE LI

DOCDB simple family (publication)
WO 2007042059 A1 20070419; CN 101287554 A 20081015; CN 101287554 B 20100609; DE 502005008983 D1 20100325; DE 502005009341 D1 20100512; EP 1943022 A1 20080716; EP 1943022 B1 20100331; EP 1992412 A1 20081119; EP 1992412 B1 20100203; JP 2009511255 A 20090319; KR 101128541 B1 20120323; KR 101230133 B1 20130205; KR 20080069979 A 20080729; KR 20100077017 A 20100706; US 2009179099 A1 20090716; US 2010282884 A1 20101111; US 7931222 B2 20110426

DOCDB simple family (application)
EP 2005010910 W 20051011; CN 200580051811 A 20051011; DE 502005008983 T 20051011; DE 502005009341 T 20051011; EP 05792291 A 20051011; EP 08013806 A 20051011; JP 2008534872 A 20051011; KR 20087010450 A 20051011; KR 20107010389 A 20051011; US 84024210 A 20100720; US 8984908 A 20081209