

Title (en)
AGITATOR BALL MILL

Title (de)
RÜHRWERKSKUGELMÜHLE

Title (fr)
BROYEUR À BOULETS À AGITATEUR

Publication
EP 3815789 B1 20220629 (DE)

Application
EP 20202007 A 20201015

Priority
DE 102019129467 A 20191031

Abstract (en)
[origin: AU2020257028A1] An agitator mill (1) comprising a grinding chamber (7) containing a grinding body and an agitator shaft (3), which revolves therein and which supports a shaft protective sleeve, which revolves with it, and several disk-like agitators (12), which are connected thereto in a rotationally fixed manner and which move the grinding bodies, characterized in that the shaft protective sleeve is divided into several sleeve sections (17), which, at their front end (18), each support a flange (19, 20), wherein each disk-like agitator (12) has a coupling section (14), which is held between the flanges (19, 20) of a preceding and of a following sleeve section (17), wherein the rotationally fixed connection between the flanges (19, 20) and the disk like agitator (12) takes place in that pins (21), the longitudinal pin axis of which is positioned parallel to the axis of rotation of the agitator shaft (3), penetrate through the agitator (12) and the flanges (19, 20). Ira Cno io

IPC 8 full level
B02C 17/16 (2006.01)

CPC (source: EP)
B02C 17/163 (2013.01)

Cited by
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