

Title (en)

Hammer mill, rotor of a hammer mill, impact bolts, and catching device and locking device

Title (de)

Hammermühle, Rotor einer Hammermühle, Schlägerbolzen, sowie Auffangeinrichtung und Feststelleinrichtung

Title (fr)

Broyeur à marteaux, rotor d'un broyeur à marteaux, boulon de percussion, ainsi que dispositif collecteur et dispositif de fixation

Publication

EP 2514530 A2 20121024 (DE)

Application

EP 12176563 A 20110107

Priority

- EP 11700123 A 20110107
- EP 10150863 A 20100115
- EP 12176563 A 20110107

Abstract (en)

The hammer mill has a lockable milling chamber (2) and a rotor (10) disposed in the milling chamber, where the rotor has a rotor shaft (11), multiple rotor disks (12,18) dividing the rotor into multiple sections (15,15'), and multiple hammer pins (20) for receiving hammers (23) or hammer packets. The hammer pins are not extended over all sections. Independent claims are also included for the following: (1) a collecting device for collecting hammers of a rotor of a hammer mill; and (2) a locking device for locking a rotor of a hammer mill.

Abstract (de)

Hammermühle (1) mit einem verschliessbaren Mahlraum (2) und einem im Mahlraum (2) angeordneten Rotor (10), welcher eine Rotorwelle (11), mehrere Rotorscheiben (12, 12', 18, 19), welche den Rotor (10) in mehrere Segmente (15, 15', 15'') aufteilen, und mehrere Schlägerbolzen (20, 20', 20'') zur Aufnahme von Schlägern (23) oder Schlägerpaketen (32) umfasst, wobei die Schlägerbolzen (20, 20', 20'') nicht über alle Segmente (15, 15', 15'') reichen.

IPC 8 full level

B02C 13/28 (2006.01); **B02C 13/04** (2006.01); **B02C 13/282** (2006.01)

CPC (source: CN EP US)

B02C 13/04 (2013.01 - CN EP US); **B02C 13/28** (2013.01 - CN EP US); **B02C 13/282** (2013.01 - CN EP US)

Citation (applicant)

DE 10253345 A1 20040527 - H I PALLMANN INNOVATION GMBH & [DE]

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10150863 A 20100115; BR 112012017524 A 20110107; CN 201180005921 A 20110107; CN 201410670488 A 20110107; DK 11700123 T 20110107; EP 11700123 A 20110107; EP 12176563 A 20110107; EP 2011050159 W 20110107; ES 11700123 T 20110107; PL 11700123 T 20110107; US 201113521826 A 20110107