

Title (en)
HAMMER MILL

Title (de)
HAMMERMÜHLE

Title (fr)
BROYEUR À MARTEAUX

Publication
EP 2560762 B1 20171004 (EN)

Application
EP 11713892 A 20110223

Priority
• PL 39053910 A 20100224
• PL 2011000020 W 20110223

Abstract (en)
[origin: WO2011105918A2] Hammer mill beaters (1) placed on the blades of the beater rotor (3) in a manner that allows for their rotation around the axes perpendicular to the beater rotor blades (3). The beaters (1) are located in the beaters chucks (2) equipped with a pin mounted in the slots of the beater rotor blades (3). The beaters (!) are mounted in the beaters chucks (2) in a manner that allows for their rotation around the axes perpendicular to the beaters chucks (2). The beaters (1) are in the shape of a cylinder with a wider element at one end and a slot perpendicular to the axis of the cylinder. The beaters are mounted in the slots of the beaters chucks and secured with a cotter pin. The outer surface of the beaters (1) is made of the material which is more resistant to wear than the beater's core (1). The blades of the beater rotor (3) are surrounded by screens (5) in the shape of a sector of the lateral surface of the cylinder and guards (6) in the shape of two sectors of the lateral surfaces of the cylinder connected to a rectangle. The guards (6) are placed in the covers (7) connected with the housing of the hammer mill (8) by hinges.

IPC 8 full level
B02C 13/04 (2006.01); **B02C 13/28** (2006.01)

CPC (source: EP)
B02C 13/04 (2013.01); **B02C 13/28** (2013.01); **B02C 2013/2808** (2013.01)

Citation (examination)
PL 349273 A1 20030224 - PALCZEWSKI STANISLAW [PL], et al

Cited by
ES2721725A1; WO2019149980A1

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WO 2011105918 A2 20110901; WO 2011105918 A3 20130314; EP 2560762 A2 20130227; EP 2560762 B1 20171004; PL 216004 B1 20140228; PL 390539 A1 20110829; RU 2012140713 A 20140327; RU 2543287 C2 20150227; UA 87750 U 20140225

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