

Title (en)

Rotor and device for grinding feeder product

Title (de)

Rotor und Vorrichtung zum Zerkleinern von Aufgabegut

Title (fr)

Rotor et dispositif de broyage de matériaux de chargement

Publication

EP 2098297 A3 20110615 (DE)

Application

EP 09002956 A 20090302

Priority

DE 102008013232 A 20080307

Abstract (en)

[origin: EP2098297A2] The rotor (1) has rotor disks (4, 4') held on a drive shaft (2) in a torque proof manner, and a grinding tool e.g. shearing tool, arranged over a circumference of the rotor disks. Friction elements are arranged between the disks forming axial ends of rotors and the drive shaft for transmission of torques. Force transmission elements serves as bolts (12) and are arranged in a contact surface of the disks, which are clamped together with axially working tension rods (8). The friction elements have a clamping set (15) axially arranged for pre-adjustment of the torques.

IPC 8 full level

B02C 18/14 (2006.01); **B02C 13/04** (2006.01)

CPC (source: EP US)

B02C 13/04 (2013.01 - EP US); **B02C 18/146** (2013.01 - EP US)

Citation (search report)

- [YA] US 5381973 A 19950117 - HEMESATH GERHARD [DE]
- [Y] DE 2146362 A1 19730322 - BRAUNSCHWEIGISCHE MASCH BAU
- [A] WO 0078459 A1 20001228 - SVEDALA LINDEMANN GMBH [DE], et al

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CN104722383A; CN112871274A; AT15563U1; EP3323572A1; DE102015012588A1; WO2017055365A1; US10786815B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2098297 A2 20090909; **EP 2098297 A3 20110615**; **EP 2098297 B1 20150121**; CA 2657441 A1 20090907; CA 2657441 C 20120515; DE 102008013232 A1 20090917; DK 2098297 T3 20150427; US 2009224089 A1 20090910; US 8066212 B2 20111129

DOCDB simple family (application)

EP 09002956 A 20090302; CA 2657441 A 20090309; DE 102008013232 A 20080307; DK 09002956 T 20090302; US 40051709 A 20090309