

Title (en)

HIGH-THROUGHPUT GRINDING DEVICE COMPRISING AN ADJUSTABLE GRINDING OPERATION

Title (de)

HOCHDURCHSATZSCHLEIFVORRICHTUNG MIT EINER ANPASSBAREN SCHLEIFOPERATION

Title (fr)

DISPOSITIF DE BROYAGE À HAUT DÉBIT COMPORTANT UNE OPÉRATION DE BROYAGE RÉGLABLE

Publication

EP 3474995 A1 20190501 (FR)

Application

EP 17737057 A 20170623

Priority

- CH 8202016 A 20160628
- IB 2017053753 W 20170623

Abstract (en)

[origin: WO2018002786A1] A grinding device (1) for implementing a grinding operation, comprising: a grinding unit (2) including a body (3) that comprises a grinding chamber (20) that can be filled with a material to be ground, a rotor (4) mounted so as to be able to rotate about an axis (5) in the body (3), a screen (21), and a drive unit (60) controlling the movements of the rotor (4) relative to the screen (21) during the grinding operation; the drive unit (60) is designed to impart an oscillating movement to the rotor (4) about the axis (5), the oscillation angle being able to be varied during the grinding operation; the grinding chamber (2) is configured in such a way as to direct the product to be ground in a direction substantially parallel to the axis (5) of rotation of the rotor (4).

IPC 8 full level

B02C 18/06 (2006.01); **B02C 18/24** (2006.01); **E04F 11/18** (2006.01)

CPC (source: CH EP US)

B02C 4/26 (2013.01 - CH); **B02C 13/14** (2013.01 - CH); **B02C 18/062** (2013.01 - EP US); **B02C 18/186** (2013.01 - US); **B02C 18/24** (2013.01 - EP US); **E04F 11/1863** (2013.01 - EP)

Citation (search report)

See references of WO 2018002786A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

CH 712632 A2 20171229; EP 3474995 A1 20190501; EP 3474995 B1 20200408; US 11440019 B2 20220913; US 2019308199 A1 20191010; WO 2018002786 A1 20180104

DOCDB simple family (application)

CH 8202016 A 20160628; EP 17737057 A 20170623; IB 2017053753 W 20170623; US 201716309636 A 20170623