

Title (en)

APPARATUS FOR COMMINUTING POURABLE FEEDSTOCK AND METHOD FOR OPENING SUCH AN APPARATUS

Title (de)

VORRICHTUNG ZUM ZERKLEINERN VON SCHÜTTFÄHIGEM AUFGABEGUT SOWIE VERFAHREN ZUM ÖFFNEN EINER SOLCHEN VORRICHTUNG

Title (fr)

APPAREIL DE BROYAGE DE CHARGE D'ALIMENTATION FLUIDE ET PROCÉDÉ D'OUVERTURE D'UN TEL APPAREIL

Publication

EP 4045189 B1 20240214 (DE)

Application

EP 20797407 A 20201016

Priority

- DE 102019007192 A 20191016
- EP 2020079261 W 20201016

Abstract (en)

[origin: CA3153828A1] The invention relates to a device for comminuting pourable feedstock and a method for opening such an apparatus. The apparatus has a housing (3) which encloses a comminution chamber (40) and in which a rotor (7) rotating about a rotation axis (6) is arranged, which rotor has rotor tools (10) over the circumference thereof. A sieve holder (2), the sieve (14) of which extends along a circumferential portion of the rotor (7), is used to separate the sufficiently comminuted material. The feedstock supplied to the rotor (7) via a material infeed (13) is removed from the apparatus via a material discharge after sufficient comminution. In order to improve accessibility to the interior of the apparatus, according to the invention the sieve holder (2), in order to open the housing (3), is pivotable about a first pivot axis (25) from a closed first position to an open second position and in addition about a second pivot axis (26) to an open third position.

IPC 8 full level

B02C 18/14 (2006.01); **B02C 18/16** (2006.01); **B02C 18/18** (2006.01); **B02C 23/16** (2006.01)

CPC (source: CN EP US)

B02C 18/144 (2013.01 - CN EP US); **B02C 18/146** (2013.01 - CN EP); **B02C 18/16** (2013.01 - CN US); **B02C 18/186** (2013.01 - CN US); **B02C 18/2216** (2013.01 - US); **B02C 23/16** (2013.01 - CN US); **B02C 18/146** (2013.01 - US); **B02C 2018/162** (2013.01 - CN EP US); **B02C 2018/188** (2013.01 - CN EP US); **B02C 2023/165** (2013.01 - CN EP US)

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

DOCDB simple family (publication)

DE 102019007192 A1 20210422; CA 3153828 A1 20210422; CA 3153828 C 20240430; CN 114514073 A 20220517; CN 114514073 B 20230714; EP 4045189 A1 20220824; EP 4045189 B1 20240214; US 2022234050 A1 20220728; WO 2021074411 A1 20210422

DOCDB simple family (application)

DE 102019007192 A 20191016; CA 3153828 A 20201016; CN 202080072044 A 20201016; EP 2020079261 W 20201016; EP 20797407 A 20201016; US 202217722129 A 20220415