Title (en)

COMMINUTING DEVICE

Title (de)

ZERKLEINERUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE BROYAGE

Publication

EP 3579976 B1 20201209 (DE)

Application

EP 18705127 A 20180209

Priority

- DE 202017100714 U 20170209
- EP 2018053270 W 20180209

Abstract (en)

[origin: WO2018146247A1] The invention relates to a comminuting device for solids-conducting liquids, comprising a housing with an inlet opening, an outlet opening, and a housing interior which extends from the inlet opening to the outlet opening, a first comminuting shaft which extends through the housing interior and which is arranged so as to rotate about a first comminuting axis, and a second comminuting shaft which extends through the housing interior and which is arranged so as to rotate about a second comminuting axis. The invention is characterized by a first filter device that is arranged in the housing interior adjacently to the first comminuting shaft and comprises a first filter wall, which has a plurality of slots, and a first clearing device with a plurality of clearing elements, which can be moved relative to the filter wall along a movement path and which extend through the plurality of slots from a first clearing shaft arranged on one side of the first filter wall to at least one section of the movement path.

IPC 8 full level

B02C 18/00 (2006.01); **B02C 18/14** (2006.01); **B02C 18/16** (2006.01); **B02C 18/22** (2006.01)

CPC (source: EP US)

B02C 18/0092 (2013.01 - EP US); **B02C 18/142** (2013.01 - EP US); **B02C 18/2225** (2013.01 - EP); **B02C 18/2275** (2013.01 - US); **B02C 23/08** (2013.01 - US); B02C 2018/0069 (2013.01 - US); B02C 2018/164 (2013.01 - EP US); B02C 2201/063 (2013.01 - 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 202017100714 U1 20180511; BR 112019016304 A2 20200331; CN 110520218 A 20191129; CN 110520218 B 20210713; DK 3579976 T3 20210308; EP 3579976 A1 20191218; EP 3579976 B1 20201209; ES 2858434 T3 20210930; JP 2020506802 A 20200305; JP 6923662 B2 20210825; MX 2019009343 A 20191211; PL 3579976 T3 20210614; US 11203020 B2 20211221; US 2019374953 A1 20191212; WO 2018146247 A1 20180816

DOCDB simple family (application)

DE 202017100714 U 20170209; BR 112019016304 A 20180209; CN 201880021326 A 20180209; DK 18705127 T 20180209; EP 18705127 A 20180209; EP 2018053270 W 20180209; ES 18705127 T 20180209; JP 2019543008 A 20180209; MX 2019009343 A 20180209; PL 18705127 T 20180209; US 201816484307 A 20180209