

Title (en)

COMMINUTING MACHINE COMPRISING A ROTOR SYSTEM AND METHOD FOR COMMINUTING FEEDSTOCK

Title (de)

ZERKLEINERUNGSMASCHINE MIT EINEM ROTORSYSTEM UND VERFAHREN ZUM ZERKLEINERN VON AUFGABEGUT

Title (fr)

BROYEUSE COMPRENANT UN SYSTÈME DE ROTOR ET PROCÉDÉ SERVANT AU BROYAGE D'UN PRODUIT CHARGÉ

Publication

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Application

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Abstract (en)

[origin: WO2016177358A1] The invention relates to a comminuting machine (8) comprising a rotor system, in particular a knife ring flaker, wherein the feedstock is conveyed pneumatically in the axial direction into the central region of the rotor (10) and is supplied in the radial direction to the comminuting tools which are arranged in a coronary fashion around the rotor (10). In order to achieve a uniform wear of the axially extending blades in devices of this type, it is proposed to provide an insert (15) in the central region (14), which is rotatably driven by a motor (22) and has separate chambers (16, 17), with which the feedstock entering therein is discharged to axially and radially different regions. Said insert (15) can be designed in particular as a rotor which comprises a plurality of chambers which have a substantially circle sector-shaped cross-section.

IPC 8 full level

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