

Title (en)

TWO SHAFT COMMUNUTOR WITH EXCHANGEABLE CUTTING KNIVES SET AND RELEASABLE STUB SHAFTS

Title (de)

ZWEIWELLENZERKLEINERER MIT WECHSELBAREM SCHNEIDMESSERSATZ UND LÖSBAREN WELLENENDEN

Title (fr)

BROYEUR À DEUX ARBRES AVEC JEU DE LAMES DE COUPE INTERCHANGEABLES ET EXTRÉMITÉS D'ARBRE DÉTACHABLES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2018087398A1] The invention relates to a dual-shaft shredder (1) for shredding solid materials or solid materials in liquids, which has a housing (14) that defines an interior shredding space. The dual-shaft shredder further has an inlet opening (16) in the housing (14) for feeding solid materials into the shredding space, an outlet opening (18) in the housing (14) for discharging shredded solid materials from the shredding space, a first cutting disc block (10) with a plurality of first cutting discs (101, 102), which are arranged on a first hub body in such a way that an intermediate space exists between each two adjacent first cutting discs (101, 102), and a second cutting disc block (12) with a plurality of second cutting discs (103, 104), which are arranged on a second hub body in such a way that an intermediate space exists between each two adjacent second cutting discs (103, 104). The first and second cutting disc blocks (10, 12) are displaced axially in relation to each other such that at least some of the first cutting discs (101, 102) engage in an intermediate space between two adjacent second cutting discs (103, 104) and some of the second cutting discs (103, 104) engage in an intermediate space between two adjacent first cutting discs (101, 102), wherein the first and second cutting disc blocks (10, 12) each have a first axial recess (34, 36). The invention is characterised by a first shaft stub (30), which extends into the first axial recess (34) of the first cutting disc block (10) to transfer torques, a second shaft stub (32), which extends into the first axial recess (36) of the second cutting disc block (12) to transfer torques, a first clamping device for the tensioned clamping of the first shaft stub (30) against the first cutting disc block (10) and a second clamping device for the tensioned clamping of the second shaft stub (32) against the second cutting disc block (12).

IPC 8 full level

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