

Title (en)
APPARATUS FOR THE COMMINUTION OF BULKY OBJECTS

Publication
EP 0022537 B1 19820922 (DE)

Application
EP 80103867 A 19800708

Priority
DE 2928471 A 19790714

Abstract (en)
[origin: US4387858A] A machine for comminuting bulk objects such as wood or the like includes a receptor forming in its lower part, a funnel, a guide means at the inner side of the funnel, a comminuting device below the funnel, and a transport and pre-breaking means within the funnel and rotating therein with the comminuting device. The comminuting device includes a rotor rotatable about a vertical axis and having a plurality of cutting edges and at least one stator mounted on the funnel and also having cutting edges. The cutting edges of the rotor traverse an annular working plane which is perpendicular to the rotational axis of the rotor with the annular working plane overlapping with the cutting edges of the stator. The rotor cutting edges, when viewed from the top and in the rotational direction of the rotor, are arranged at distances behind each other and in the back of free spaces extending along their lengths, the length of the cutting edges of the rotor being graduated and increasing in a direction opposite to the rotational direction of the rotor and up to the width of the annular working plane.

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IPC 8 full level
B02C 18/12 (2006.01)

IPC 8 main group level
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CPC (source: EP US)
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EP0285011A3; EP0068353A3

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