

Title (en)
COMMINUTING MACHINE

Title (de)
ZERKLEINERUNGSMASCHINE

Title (fr)
BROYEUSE

Publication
EP 1210178 B1 20040630 (DE)

Application
EP 00953160 A 20000805

Priority
• DE 19943518 A 19990911
• EP 0007612 W 20000805

Abstract (en)
[origin: US7108210B1] A comminution machine has a machine housing and a closed working cylinder with comminution holes arranged therein. Tools are arranged on a coaxial shaft within the working cylinder. The tools have vanes revolving at a spacing of at most a diameter of the comminution holes practically contactless relative to the cylinder. The vanes have outer edges slanted counter to a relative rotational direction between cylinder and tools. The shaft orientation and the axial orientation of the cylinder deviate from a vertical line. The working cylinder has a first end face opening connected to a feed channel and a lower cylinder half connected to a removal channel. A second end face opening whose diameter is at least as large as the greatest diameter of the working cylinder, is closed by a freely accessible lid. The shaft extends from the feed channel to the lid but does not penetrate the lid.

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IPC 8 full level
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CPC (source: EP US)
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