

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.

IPC 1-7  
**B02C 19/20**

IPC 8 full level  
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CPC (source: EP US)  
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