

Title (en)  
COMMINUTING DEVICE

Title (de)  
ZERKLEINERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE FRAGMENTATION

Publication  
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Application  
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Abstract (en)  
[origin: WO2016131433A1] The invention relates to a device (10; 50) for mechanically comminuting materials, comprising a vertically extending comminuting chamber (14) having an upwardly extending supply side (15) and a downwardly extending discharge side. Said comminuting chamber is enclosed by an in particular circular cylindrical and/or conical downwardly expanded comminuting chamber wall (12), and in which at least one rotor (16, 18) rotating about a vertical rotor axis (R) is arranged, which is provided with striking tools (38) that extend at least largely radially into the comminuting chamber, at least during operation. The rotor (16, 18) is held in a stationary manner with respect to a support base (20) of the device, and the comminuting chamber wall is supported on the support base. According to the invention, the comminuting chamber wall is held in place by way of a lifting device in the direction of the rotor axis (R) in a height adjustable manner relative to the support base (20). Said lifting device (36) has a working position, in which the lower edge of the comminuting chamber wall (12) is arranged close to the support base (20) or to a part connected thereto, and a maintenance position, in which the lower edge (32) of the comminuting chamber wall (12) is vertically raised above at least one of the striking tools (22, 24). The invention allows easy maintenance and an uncomplicated exchange of the striking tools of the comminuting device.

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