

Title (en)  
GRINDING DEVICE

Title (de)  
MAHLVORRICHTUNG

Title (fr)  
DISPOSITIF DE BROYAGE

Publication  
**EP 3714098 A1 20200930 (DE)**

Application  
**EP 18789573 A 20181011**

Priority  
• DE 102017127772 A 20171124  
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Abstract (en)  
[origin: WO2019101424A1] The invention relates to a device for treating fibrous material, said device having two grinding gaps (2, 3) which are arranged in a housing (1) and through which fibrous material radially flows, said gaps each being formed by a treatment tool (5) rotating about an axis of rotation (8) and a non-rotating treatment tool (4), wherein the treatment tools (4, 5) are each fastened to a base plate (6, 7), have a rotationally symmetrical shape and are arranged coaxially with respect to one another, the two rotating treatment tools (5) are fastened to a common base plate (7) driven by a rotatably mounted shaft (9) and are arranged between the two non-rotating treatment tools (4), the rotating base plate (7) is axially displaceably fastened to the shaft (9), and the width of the grinding gaps (2, 3) can be varied by means of an axial displacement of at least one non-rotating base plate (6). The aim is to make a safe operation of the device possible by associating a measuring unit (10) for detecting the axial force (F) acting on the shaft (9) with the shaft (9).

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