

Title (en)  
CLEANING DEVICE

Title (de)  
REINIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE NETTOYAGE

Publication  
**EP 3431641 B1 20220216 (DE)**

Application  
**EP 18182151 A 20180706**

Priority  
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Abstract (en)  
[origin: CN109267187A] The invention relates to a device for cleaning a fiber bundle supplied in a conveying air stream (13). The device comprises an inlet (3) and an outlet (4) with a single cleaning roller (1). The cleaning roller has a longitudinal axis (5) and is equipped with a stirrer element (12) and comprises a grid (6) arranged below the cleaning roller (1) and further comprises a housing (2). Above the cleaning roller (1), the housing (2) is provided with a guiding element (9) and the guiding element (9) forms a transition chamber (8) for deflecting the conveying air stream (13) in a helical arrangement around the cleaning roller (1). The inlet (3) is centrally arranged with respect to the cleaning roller (1) as seen in the direction of the longitudinal axis (5); the first outlet opening (15) is provided in the region of the first end (14) of the cleaning roller (1); a second outlet opening (17) is provided in the region of the second end (16) of the cleaning roller (1).

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