

Title (en)  
DEVICE FOR CUTTING STAPLE FIBERS

Title (de)  
VORRICHTUNG ZUM SCHNEIDEN VON STAPELFASERN

Title (fr)  
DISPOSITIF DE COUPE DE FIBRES DISCONTINUES

Publication  
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Application  
**EP 16000155 A 20160122**

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Abstract (en)  
[origin: CN105986337A] The invention discloses a device for cutting short fibers with a bundle of continuous fiber hank yarns. At least part of the hank yarns surrounds a rotatable cutting wheel (2) to be guided; the cutting wheel (2) is provided with a plurality of cutters (3) on its circumference; the cutters commonly act with pressure elements loaded with pressure or force so as to make the fiber hank yarns to be cut between the pressure elements and the cutters; the cutting wheel (2) is coupled with a driving device (9) in a driving manner. The device is characterized in that a stator (4) is arranged inside of a shaft (10), wherein the cutting wheel (2) and the shaft (10) are connected through a tensioning device which is capable of releasing, and the tensioning device opens or closes in an axial movement direction of the stator.

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