Title (en)

DEVICE FOR CLEANING A FUNCTIONAL SURFACE FOR GUIDING OR TREATING A WEB MATERIAL

Title (de)

VORRICHTUNG ZUM REINIGEN EINER FUNKTIONSOBERFLÄCHE ZUR FÜHRUNG ODER BEHANDLUNG EINER MATERIALBAHN

Title (fr)

DISPOSITIF POUR NETTOYER UNE SURFACE FONCTIONELLE DE GUIDAGE OU DE TRAITEMENT D'UNE BANDE DE MATERIAU

Publication

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Application

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Abstract (en)

[origin: CA2769794A1] The invention relates to a device for cleaning a functional surface for guiding or treating a material web, preferably a non-woven web. The device comprises a pivotably mounted roller body, a plurality of hollow cylindrical brush segments being disposed on the circumference thereof and positively connected to each other and tensioned between two adjusting rings disposed at the circumference of the roller body. According to the invention, in order to ensure secure tensioning of the brush segments regardless of the surrounding conditions, at least one of the adjusting rings is axially flexibly retained at the circumference of the roller body and a compression ring rotational fixed to the flexible adjusting rings is axially tensioned against the roller body by means of at least one spring element, such that an axial force acting on the brush segments is generated.

IPC 8 full level

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