

Title (en)  
COMBING MACHINE

Title (de)  
KÄMMMASCHINE

Title (fr)  
PEIGNEUSE

Publication  
**EP 2044250 B1 20110105 (DE)**

Application  
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Priority  
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Abstract (en)  
[origin: WO2008011734A1] The invention relates to a combing machine that operates according to the Heilmann principle, comprising a detaching roller (24) that cooperates with a detaching segment (20) of a combing cylinder (16), with which a suction channel (52) is associated. The unwound fibre packet (FP) is delivered to a subsequent device (30) that forms the non-woven fleece. In order to produce higher nip numbers and simultaneously to adjust to various stack lengths, the lower nipper plate (2) and the detaching roller (24) are mounted at a constant distance from each other during a combing cycle, and at least one element (10) is provided, said element when viewed in the direction of the conveyance (R) of the fibre mass (W) being displaceably mounted behind the advancing means, transversal to the lower side of the fibre mass (W) and being connected to a driven actuator (11), which is used to enable the element (10) to periodically modify the length of the guide path for the fibre mass (W) inside the nipper unit (1) during a nip.

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