

Title (en)
Drawing-off apparatus in a combing machine.

Title (de)
Abreissvorrichtung in einer Kämmaschine.

Title (fr)
Appareil d'arrachage dans une machine de peignage.

Publication
EP 0450360 A1 19911009 (DE)

Application
EP 91103935 A 19910314

Priority
CH 115990 A 19900405

Abstract (en)
The drawing-off apparatus contains two pairs of drawing-off rollers (12, 13 and 14, 15) which are arranged next to one another and to which combed-out fibre tufts can be fed alternately by at least one gripper (6, 8, 9, 10). The pairs of drawing-off rollers (12, 13 and 14, 15) are connected to a common pair of transport rollers (16, 17) by means of conveyor bands (18, 19, 20, 22). The fibre tufts coming from the two pairs of drawing-off rollers (12, 13 and 14, 15) and transported individually by the conveyor bands (18, 19, 20, 22) are laid onto one another in an overlapping manner in front of and between the transport rollers (16, 17) and combined to form a combed fleece. The drawing-off rollers (12, 13, 14, 15) can be rotated continuously in the drawing-off direction. Since no to-and-fro rotations of the drawing-off rollers (12, 13, 14, 15) are necessary, high working speeds are possible. <IMAGE>

Abstract (de)
Die Abreissvorrichtung enthält zwei nebeneinander angeordnete Abreisswalzenpaare (12, 13 und 14, 15), denen ausgekämmte Faserbärte von wenigstens einer Zange (6, 8, 9, 10) abwechselnd zuführbar sind. Die Abreisswalzenpaare (12, 13 und 14, 15) sind durch Transportbänder (18, 19, 20, 22) mit einem gemeinsamen Transportwalzenpaar (16, 17) verbunden. Die von den beiden Abreisswalzenpaaren (12, 13 und 14, 15) kommenden, durch die Transportbänder (18, 19, 20, 22) einzeln transportierten Faserbärte werden vor und zwischen den Transportwalzen (16, 17) überlappend aufeinandergelegt und zu einem Kammzugvlies vereinigt. Die Abreisswalzen (12, 13, 14, 15) können kontinuierlich in Abreissrichtung gedreht werden. Da keine Hin- und Herdrehungen der Abreisswalzen (12, 13, 14, 15) erforderlich sind, sind hohe Arbeitsgeschwindigkeiten möglich. <IMAGE>

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CPC (source: EP)
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Citation (search report)
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• [A] US 2210343 A 19400806 - JOSEF SCHMITT KARL
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• [A] BE 368142 A

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