

Title (en)

Method and device for treating a stream of filter tow

Title (de)

Verfahren und Vorrichtung zum Behandeln eines Filtertowsstreifens

Title (fr)

Procédé et dispositif pour le traitement d'une bande de cordons filtrant

Publication

EP 0919144 B1 20020828 (DE)

Application

EP 98121079 A 19981106

Priority

DE 19751598 A 19971121

Abstract (en)

[origin: US6059706A] A tow of fibrous filter material for tobacco smoke is transported lengthwise through a so-called finger which is an elongated channel wherein the cross-sectional area of the tow is gradually reduced to that of the rod-like filler in the wrapper of a filter rod. The homogeneity of the tow is enhanced by introducing a compressed gas into longitudinally spaced apart gas admitting portions of the channel and by providing the channel with sets of openings for the evacuation of gas downstream of each gas admitting portion. The channel discharges a continuous homogenized tow into a wrapping mechanism wherein the tow is draped into a web of cigarette paper or the like, and the thus obtained filter rod is severed to yield a file of filter rod sections of unit length or multiple unit length.

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US 6059706 A 20000509; AT E222713 T1 20020915; CN 1124088 C 20031015; CN 1227733 A 19990908; DE 19751598 A1 19990527; DE 19751598 B4 20080417; DE 59805299 D1 20021002; EP 0919144 A1 19990602; EP 0919144 B1 20020828; EP 0919144 B2 20090429; ES 2180107 T3 20030201; ES 2180107 T5 20090623; JP 4584371 B2 20101117; JP H11221068 A 19990817; PL 187768 B1 20041029; PL 329786 A1 19990524

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