

Title (en)

Method for cleaning a comb bar, especially a fix comb for preparatory textile machines, and comb bar for carrying out the method.

Title (de)

Verfahren zum Reinigen eines Nadelstreifens, insbesondere eines Fixkamms für Textilverbereitungsmaschinen, und Nadelstreifen zur Durchführung des Verfahrens.

Title (fr)

Procédé pour le nettoyage d'une plaque de peigne, notamment d'un peigne fixe pour les machines textiles préparatoires, et une plaque de peigne pour mettre en oeuvre ce procédé.

Publication

EP 0531740 B1 19950329 (DE)

Application

EP 92113854 A 19920814

Priority

DE 4130496 A 19910913

Abstract (en)

[origin: US5228173A] In a method for cleaning the needle bar, in particular a top comb for textile machinery, comprising at least one row of needles or needle-like stamped elements, which are held between two cover plates, whereby the needle tips protrude, while forming free passageways, by a certain amount between those free passageways beyond the lower edge of the cover plates, and whereby compressed air is guided through the free passageways, it is provided, in order to attain an optimum guidance of the fiber band and a complete combing, that depending on the working cycle of the machine, into which the needle bar is inserted, the free passageways between the needles, respectively the region before the needles are alternately activated with overpressure or underpressure. A needle strip according to the invention which is particularly suitable for putting the method into practice, is formed of needle-like stamped elements, which comprise asymmetrical lateral projections, and which are lined up in such manner that the projections are directed towards the one or the other side in alternating manner, so that air channels are formed between the projections.

IPC 1-7

D01G 19/28

IPC 8 full level

D01G 19/22 (2006.01); **D01G 19/10** (2006.01); **D01G 19/28** (2006.01)

CPC (source: EP US)

D01G 19/28 (2013.01 - EP US)

Cited by

EP0633333A1; EP0619389A1; DE10033169B4; CN110230131A; CN109385701A

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IE IT LI NL SE

DOCDB simple family (publication)

EP 0531740 A1 19930317; EP 0531740 B1 19950329; AT E120501 T1 19950415; CA 2076355 A1 19930314; CZ 262792 A3 19940216; CZ 282892 B6 19971112; DE 4130496 A1 19930318; DE 59201769 D1 19950504; ES 2070564 T3 19950601; JP 2579722 B2 19970212; JP H05214616 A 19930824; MX 9205190 A 19930301; SK 262792 A3 19950510; TW 204378 B 19930421; US 5228173 A 19930720

DOCDB simple family (application)

EP 92113854 A 19920814; AT 92113854 T 19920814; CA 2076355 A 19920819; CS 262792 A 19920826; DE 4130496 A 19910913; DE 59201769 T 19920814; ES 92113854 T 19920814; JP 24490392 A 19920914; MX 9205190 A 19920911; SK 262792 A 19920826; TW 81106680 A 19920824; US 94382592 A 19920914