

Title (en)

Brush making apparatus for assembling tufts and method therefor.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Borstenbüscheln.

Title (fr)

Procédé et dispositif pour fabriquer des touffes de soies.

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Application

EP 90306731 A 19900620

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Abstract (en)

Picker elements (111) are advanced a first distance (X) into contact with the ends (115) of parallel filaments (113) in a stock box (100) and then stopped (movement from FIG. 1 to FIG. 2). A flap (106) is vibrated by a vibrator (117) and this positions some of the filaments (118) ready to slide into the mouths (112) of the picker elements (111), which are then advanced a second distance (Y) in order to scoop up the aligned filaments in order to form tufts of filaments (movement from FIG. 2 to FIG. 3). The vibrator (117) is then turned off and the picker elements (111) retracted a third distance (Z) in order to remove the tufts from the stock box (100) (movement from FIG. 3 to FIG. 4). The stopping and vibrating during the forward stroke ensures that the filaments do not become misaligned or forced out of the stock box (100) by the picker elements (111). <IMAGE>

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