

Title (en)

DEVICE FOR NEEDLING A NONWOVEN WEB

Title (de)

VORRICHTUNG ZUM VERNADELN EINER VLIESBAHN

Title (fr)

DISPOSITIF D'AIGUILLETAGE D'UNE BANDE DE NON-TISSÉ

Publication

EP 2158348 A1 20100303 (DE)

Application

EP 08760369 A 20080602

Priority

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Abstract (en)

[origin: WO2008151961A1] The invention relates to a device for needling a nonwoven web having on the base thereof at least one needle bar comprising a needle board having a plurality of needles. The needle bar is held by a bar carrier on which a vertical drive engages for oscillating motion of the bar carrier for an up and down movement. A superimposed horizontal drive is also associated with the bar carrier, by which a back-and-forth movement is induced. The horizontal drive has two eccentric drives coupled to a horizontal guide. The eccentric drives are each formed by a connecting rod and a crankshaft coupled to a connecting head of the connecting rod. According to the invention, the connecting rods are coupled to the horizontal guide with the connecting rod ends thereof in a diagonal orientation, the center axes of the connecting rods forming an angle.

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