

Title (en)

DEVICE FOR NEEDLING A FIBER WEB

Title (de)

VORRICHTUNG ZUM VERNADELN EINER FASERBAHN

Title (fr)

DISPOSITIF D'AIGUILLETAGE D'UNE NAPPE DE FIBRES

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Application

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Abstract (en)

[origin: WO2009050051A1] The invention relates to a device for needling a fiber web, having at least one needle bar. On the underside, the needle bar comprises a needle plate having a plurality of needles, said needle bar being held by a bar support guided by means of a vertical drive to an oscillating motion in an up-and-down motion, and guided by means of a horizontal drive to an oscillating motion in a back-and-forth motion. The horizontal drive comprises at least one horizontal rod connected at one end to the bar support, and at an opposite end to a drive kinematic having an eccentric drive. In order to achieve as flexible an adjustment as possible, with simple construction of the horizontal drive, the invention proposes that the drive kinematics and the eccentric drive be disposed on a drive support that can be displaced to adjust a horizontal stroke and that is mounted on a machine frame.

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