

Title (en)  
DEVICE FOR NEEDLING A FIBROUS WEB

Title (de)  
VORRICHTUNG ZUM VERNADELN EINER FASERBAHN

Title (fr)  
DISPOSITIF D'AIGUILLETAGE D'UNE NAPPE DE FIBRES

Publication  
**EP 2173936 A1 20100414 (DE)**

Application  
**EP 08786185 A 20080716**

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Abstract (en)  
[origin: WO2009019111A1] The invention relates to a device for needling a fibrous web having at least one needle bar. The needle bar carries a needle board on the bottom thereof having a plurality of needles, the needle bar being guided by means of a moveably mounted bar carrier. The bar carrier is driven by a vertical drive in an oscillating manner in up and down movements. For straight guidance of the bar carrier, a guiding device is provided, which has at least one rocker held at the end by a rotary bearing of a machine frame. In order to obtain the straightest possible guide path in the bar carrier, according to the invention the opposite end of the rocker and the bar carrier are connected by a plurality of members of a coupling kinematic mechanism.

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