

Title (en)  
METHOD AND APPARATUS FOR MANUFACTURING BRISTLE FIELDS FOR BRUSHES

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON BORSTENFELDERN FÜR BÜRSTEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE FABRICATION DES ENSEMBLES DE POILS POUR DES BROSSES

Publication  
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Application  
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Abstract (en)  
[origin: WO2010105745A1] In a method for producing bristle areas for brushes, in particular toothbrushes, bundles of bristles (5) are divided off from a bristle supply (101), transported by means of a gas or air stream (Pf 1) and introduced into perforations (22) in a central plate (21). The bundles of bristles (5) are removed from the central plate (21) and transferred to a compactor plate (106) and, in the process, the density of the bundle of bristles (5) is increased. In the apparatus for producing bristle areas for brushes, in particular toothbrushes, having a bristle supply (101) and an apparatus (102) for removing individual bundles of bristles (5) from the bristle supply (101), and a transport apparatus (103) for transporting the bundles of bristles (5) into perforations (22) in a central plate (21) by means of a gas or air stream (Pf 1), a compactor plate (106) that has perforations (108) for receiving bundles of bristles (5) is arranged downstream of the central plate (21), the cross-sections of said perforations in each case being smaller than the cross-section of the bundle of bristles (5) supplied to the respective perforation (108). An apparatus is provided for forwarding the bundles of bristles (5) from the central plate (21) to the compactor plate (106).

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