

Title (en)

CARRIER PLATE AND BRUSH, IN PARTICULAR TOOTHBRUSH WITH CARRIER PLATE

Title (de)

TRÄGERPLÄTTCHEN UND BÜRSTE, INSBESONDERE ZAHNBÜRSTE MIT TRÄGERPLÄTTCHEN.

Title (fr)

PLAQUE DE SUPPORT ET BROSE, NOTAMMENT BROSE À DENTS, ÉQUIPÉE D'UNE PLAQUE DE SUPPORT

Publication

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Application

EP 15737983 A 20150713

Priority

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- DE 102015109706 A 20150617
- EP 2015001426 W 20150713

Abstract (en)

[origin: WO2016008576A1] The method for producing bristle arrangements for brushes and the apparatus (1), the carrier plate (17) and the brush (60) provided with such a carrier plate (17) make it possible to simplify the production of bristle arrangements for brushes, inter alia, in that clusters of bristles (5) transported through the transporting apparatus (6) to the cluster-retaining plate (9) by means of a gas stream or air stream are discharged electrostatically as they are being transported through the transporting apparatus (6), and this allows them to be transported more easily through the transporting apparatus (6), and in that they reduce the outlay for anchor-free fastening of clusters of bristles (5) in a carrier plate (17), since the carrier plate (17) has rear-side material protrusions (54) which are fused on, and then pressed into a cluster-fastening plane, so that clusters of bristles (5, 5a) introduced into the perforations (24) of the carrier plate (17) can be easily connected to the carrier plate (17) in a form-fitting and/or force-fitting manner (Fig. 3).

IPC 8 full level

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Citation (search report)

See references of WO 2016008576A1

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