

Title (en)
TOOTHBRUSH AND PREPARATION METHOD THEREFOR

Title (de)
ZAHNBÜRSTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
BROSSE À DENTS ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3459388 A4 20190717 (EN)

Application
EP 16902087 A 20160624

Priority
• CN 201610326685 A 20160517
• CN 2016086977 W 20160624

Abstract (en)
[origin: EP3459388A1] Disclosed are a toothbrush and a method making the same. The toothbrush includes a handle (2) including a handheld portion and a brush head portion, and a cleaning member (1) fixedly connected with the brush head portion (201). The cleaning member (1) includes a plurality of bristles (101) and a bristle plate (102) formed by integral melting of the bottom of the plurality of bristles (101). The bristle plate (102) is fixedly connected with the brush head portion (201). The bristles (101) are closely arranged and the bottom thereof is melted to form the bristle plate (102), with the unmelted portions erected on the bristle plate (102). The integral adhesion force of the bristles (101) is enhanced, and the cleaning area between the bristles (101) and the teeth is increased, thereby facilitating cleaning of the teeth. In addition, such a toothbrush has softer bristles (101), and therefore can bring a comfort feeling for a user while cleaning the teeth, and facilitate the children, the pregnant, and patients with oral diseases having gingiva easy to bleed under friction. The toothbrush features a simple process of manufacturing and low costs.

IPC 8 full level
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Citation (search report)
• [A] WO 2011072865 A1 20110623 - GB BOUCHERIE NV [BE], et al
• See references of WO 2017197707A1

Designated contracting state (EPC)
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