

Title (en)
TOOTHBRUSH AND ANCHOR WIRE THEREFOR

Title (de)
ZAHNBÜRSTE UND ANKERDRAHT DAFÜR

Title (fr)
BROSSE À DENTS ET FIL D'ANCRAGE ASSOCIÉ

Publication
EP 4030963 A1 20220727 (EN)

Application
EP 20940944 A 20200617

Priority
CN 2020096485 W 20200617

Abstract (en)
[origin: WO2021253261A1] A toothbrush (100) including a head portion (120) formed from bamboo. A plurality of tuft holes (130) are formed into the head portion (120) and a bristle tuft (151) is positioned within each of the tuft holes (130) and secured by an anchor wire (200). The anchor wire (200) may be formed from a metal alloy that includes nickel. The anchor wire (200) includes a plurality of first grooves (210) in its first surface (203) and a plurality of second grooves (220) in its second surface (204). The grooves (210, 220) may have sidewalls (212, 213, 222, 223) that are perpendicular to its floor (211, 221). A width (WG1, WG2) of the grooves (210, 220) may be equal to a spacing (D2, D5) between the grooves (210, 220) and greater than a thickness (T1) of the anchor wire (200).

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