

Title (en)
Tooth brush

Title (de)
Zahnbürste

Title (fr)
Brosse à dents

Publication
EP 2528472 B1 20160210 (DE)

Application
EP 10795628 A 20101220

Priority

- EP 10000699 A 20100126
- EP 2010007797 W 20101220
- EP 10795628 A 20101220

Abstract (en)
[origin: EP2347673A1] The method involves provided a head piece (14) with a small supporting plate that supports the bristles, where the support plate is fixed to the head piece by welding and then a force is exerted on a tooth brush body. A neck piece (32) and the head piece from the original shape are bent relative to each other around a predetermined angle (Alpha) by the force in warm state of a welded zone (51). The force is removed after bending in order to enable the bending back of the tooth brush body into its original shape. An independent claim is also included for a tooth brush with an end section.

IPC 8 full level
A46D 3/04 (2006.01)

CPC (source: EP US)
A46D 3/045 (2013.01 - EP US); **A46B 2200/1066** (2013.01 - EP US)

Citation (examination)
DE 10259723 A1 20040701 - TRISA HOLDING AG TRIENGEN [CH]

Cited by
DE102019124307B3; EP3791751A1; EP3791751B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2347673 A1 20110727; EP 2347673 B1 20150805; EP 2528472 A1 20121205; EP 2528472 B1 20160210; US 2012284945 A1 20121115; US 8840192 B2 20140923; WO 2011091835 A1 20110804

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EP 10000699 A 20100126; EP 10795628 A 20101220; EP 2010007797 W 20101220; US 201013520438 A 20101220