Title (en)

METHOD FOR MECHANICALLY SHARPENING BRISTLES AND GRINDING DEVICE

Title (de)

VERFAHREN ZUM MECHANISCHEN ANSPITZEN VON BORSTEN UND SCHLEIFVORRICHTUNG

Title (fr)

PROCÉDÉ D'APPOINTISSAGE MÉCANIQUE DE POILS ET DISPOSITIF DE MEULAGE

Publication

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Application

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Abstract (en)

[origin: WO2017076660A1] The invention relates to a method for mechanically sharpening bristles for brushes, in particular toothbrushes, by grinding, comprising the following steps: a) holding bristle clusters (12) in a cluster holder (18) such that the ratio (L/l) of the exposed length (L) of the bristle cluster, measured from the holder to exposed end to be sharpened, to the length (l) of the conical point of the bristles that is to be created is greater than or equal to 3, and b) grinding the bristle ends (24) on the first exposed end. The invention further relates to a grinding device for mechanically sharpening bristles for brushes, wherein the cluster holder is designed to have a holding unit which enables a holding, in particular a clamping, of at least one bristle cluster at different locations of the bristle cluster over the length thereof, and a displacing of the bristle cluster into a non-holding, in particular non-clamping, position of the cluster holder, relative to the cluster holder.

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