

Title (en)

LOOPER TOOL TIP, GUIDE JAW FOR SAME, AND BRUSH BRISTLE TAMPING DEVICE

Title (de)

SCHLINGENWERKZEUGSPITZE, FÜHRUNGSBACKE HIERFÜR SOWIE BÜRSTENSTOPFVORRICHTUNG

Title (fr)

POINTE D'OUTIL DE BOUCLEUR, MÂCHOIRE DE GUIDAGE POUR CETTE DERNIÈRE ET DISPOSITIF DE BOURRAGE DE POILS DE BROSSE

Publication

EP 4171316 B1 20240821 (DE)

Application

EP 21732281 A 20210611

Priority

- DE 202020103678 U 20200625
- EP 2021065844 W 20210611

Abstract (en)

[origin: WO2021259679A1] A looper tool tip of a brush bristle tamping device, comprising a guide path for an anchor, which is in the form of a wire loop (80), is displaced in the guide path and is deformed therein plastically, the guide path ending at a front end (68) to be placed against the brush bristle body (10) to be tamped, and a rear portion (72) distanced from the end (68), is characterised in that at least one rotatably mounted deflection roller (76) is provided which protrudes laterally as a narrowing into the guide path (38) and plastically deforms the wire loop (80). A brush bristle tamping device comprising a looper tool tip is also presented.

IPC 8 full level

A46D 3/04 (2006.01)

CPC (source: EP)

A46D 3/042 (2013.01)

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)

DE 202020103678 U1 20200707; CN 115701918 A 20230214; EP 4171316 A1 20230503; EP 4171316 B1 20240821; TW 202218580 A 20220516; WO 2021259679 A1 20211230

DOCDB simple family (application)

DE 202020103678 U 20200625; CN 202180044585 A 20210611; EP 2021065844 W 20210611; EP 21732281 A 20210611; TW 110123232 A 20210624