

Title (en)

PROFILED STRUCTURE FOR A COMPONENT OF A POWER TOOL, AND POWER TOOL HAVING A PROFILED STRUCTURE

Title (de)

PROFILSTRUKTUR FÜR EIN BAUTEIL EINER WERKZEUGMASCHINE UND WERKZEUGMASCHINE MIT EINER PROFILSTRUKTUR

Title (fr)

STRUCTURE PROFILÉE POUR UN ÉLÉMENT D'UN OUTIL ÉLECTRIQUE, ET OUTIL ÉLECTRIQUE DOTÉ D'UNE STRUCTURE PROFILÉE

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Application

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Abstract (en)

[origin: WO2023025577A1] The present invention relates to a profiled structure for a component of a power tool, wherein the profiled structure has a front side and a rear side, and wherein the profiled structure has at least two beads on one of the two sides and at least one bead on the other side. In a second aspect, the invention relates to a power tool having a component which comprises a proposed profiled structure. The power tool can preferably be a cutting device or cut-off device, wherein the component of the power tool can be a cutting arm. The profiled structure is particularly well suited to withstand different loads to which a component of a power tool can be exposed. The loads can be, for example, bending loads about a horizontal or vertical axis or torsion loads. In a further aspect, the invention relates to a cutting arm for a power tool, wherein the cutting arm comprises a proposed profiled structure. The cutting arm can in particular be formed in one piece.

IPC 8 full level

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