

Title (en)

TOOL HEAD AND METHOD FOR INSERTING AND CLAMPING A CUTTING INSERT, AND CUTTING INSERT

Title (de)

WERKZEUGKOPF UND VERFAHREN ZUM EINSETZEN UND SPANNEN EINER SCHNEIDPLATTE, SOWIE SCHNEIDPLATTE

Title (fr)

TÊTE D'OUTIL ET PROCÉDÉ POUR LA MISE EN PLACE ET LE SERRAGE D'UNE PLAQUETTE DE COUPE AINSI QUE PLAQUETTE DE COUPE

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Application

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Abstract (en)

[origin: WO2015157871A2] The invention relates to a tool head (11, 11a, 11b) for a woodworking machine, having a cylindrical, conical or profiled main part, which has at least two tool-receiving portions (13) evenly distributed across its circumference for holding the cutting insert (15). The tool-receiving portions (13) each have grooves (19) tapering in the radial direction, in which one cutting insert (15) per groove is clamped between a first side wall (27) of the groove (19) and a closing element (25). A first interlocking connection is provided between the cutting insert (15) and the first side wall. In addition, a centrifugal wedge (23) is arranged between the closing element (25) and a second side wall (31) situated opposite the first side wall (27) of the groove. According to the invention, a second interlocking connection is provided between the closing element (25) and the centrifugal wedge (23). This permits radial insertion of a cutting insert (15).

IPC 8 full level

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US 5647699 A 19970715 - MARTIN RUSS [US], et al

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