

Title (en)
TOOL MOUNT, MACHINE TOOL HAVING SUCH A TOOL MOUNT AND METHOD FOR FIXING A MACHINING TOOL TO A TOOL MOUNT OF A MACHINE TOOL

Title (de)
WERKZEUGHALTERUNG, WERKZEUGMASCHINE MIT EINER DERARTIGEN WERKZEUGHALTERUNG SOWIE VERFAHREN ZUM FESTLEGEN EINES BEARBEITUNGSWERKZEUGES AN EINER WERKZEUGHALTERUNG EINER WERKZEUGMASCHINE

Title (fr)
PORTE-OUTIL, MACHINE-OUTIL COMPRENANT UN TEL PORTE-OUTIL, ET PROCÉDÉ POUR FIXER UN OUTIL D'USINAGE SUR UN PORTE-OUTIL D'UNE MACHINE-OUTIL

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Application
EP 11715510 A 20110418

Priority
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Abstract (en)
[origin: WO2011138157A1] A tool mount (5) of a machine tool, preferably of a punching machine, has a tool holder (10), at least one tool abutment and also an axial clamping apparatus (19) and a radial clamping apparatus (21). The tool holder (10) serves to at least partially hold a machining tool (7), preferably a punching tool. At least one axial clamping element of the axial clamping apparatus (19) braces the machining tool (7) by way of the associated tool abutment in the direction of a clamping axis (25). Uncoupled therefrom, the radial clamping apparatus (21) braces the machining tool (7) by means of at least one radial clamping element in a direction perpendicular to the clamping axis (25) of the axial clamping apparatus (19). A machine tool, preferably a punching machine, is provided with a tool mount (5) of the above type. In the course of a method for fixing a machining tool (7) to a tool mount (5) of a machine tool, preferably for fixing a punching tool to the tool mount of a punching machine, the machining tool (7) is braced by means of an axial clamping apparatus (19) in the direction of a clamping axis (25), and, uncoupled therefrom, is braced by means of a radial clamping apparatus (21) in a direction perpendicular to the clamping axis (25) of the axial clamping apparatus (19) by way of an associated abutment of the tool mount (5).

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See references of WO 2011138157A1

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