

Title (en)

APPARATUS AND METHOD FOR GRINDING OF MATERIALS SUCH AS METAL COMPRISING A HANDLING SYSTEM ADAPTED TO AUTOMATICALLY EXCHANGE AND DRESS TOOLS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SCHLEIFEN VON MATERIALIEN WIE METALL MIT EINEM HANDHABUNGSSYSTEM ZUM AUTOMATISCHEN AUSWECHSELN UND ABRICHTEN VON WERKZEUGEN

Title (fr)

APPAREIL ET PROCÉDÉ DE MEULAGE DE MATÉRIAUX TELS QUE DU MÉTAL, COMPRENANT UN SYSTÈME DE MANIPULATION CONÇU POUR ÉCHANGER ET DRESSER AUTOMATIQUEMENT DES OUTILS

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Application

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Abstract (en)

[origin: WO2021144771A1] A finishing machine tool offering kinematics with good accessibility to the workpiece and between tool and workpiece or dresser has a machine bed (112); a linear indexer (110) and rotatable indexer (106) combined and mounted to the machine bed (112); a workpiece holder (202) and at least two QC and/or tooling setup(s) (211, 212, 212', 212", 212a, 212b, 212c) mounted to the combined linear indexer (110) and rotatable indexer (106) such that the QC and/or tooling setup (211) rotates with the workpiece holder (202) in a fixed relationship thereto: and a finishing tool (214) mounted to the machine bed (112) so as to finish (i.e., machine, grind or polish) a workpiece (208) when mounted in the workpiece holder (202). In this configuration, the finishing machine tool offers kinematics free of collision risk with QC and/or tooling setups or when changing out workpieces.

IPC 8 full level

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