

Title (en)

WORKPIECE-PROCESSING STATION COMPRISING A HANDLING-DEVICE-CONTROLLED MULTI-PROCESSING UNIT

Title (de)

WERKSTÜCKBEARBEITUNGSSTATION MIT HANDHABUNGSGERÄTGEFÜHRTER MULTIBEARBEITUNGSEINHEIT

Title (fr)

STATION DE TRAITEMENT DE PIÈCES À USINER COMPRENANT UNE UNITÉ DE MULTI-TRAITEMENT GUIDÉE PAR UN APPAREIL DE MANIPULATION

Publication

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Application

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Abstract (en)

[origin: WO2020239152A2] The invention relates to a workpiece-processing station for processing planar and/or board-like workpieces and for mounting fitting add-on parts onto the workpieces. The workpiece-processing station has at least one unfinished-part transporting system and at least one finished-part transporting system for transporting the workpieces. Said station at least has a magazine for providing add-on parts. Said station has at least one support device on which the workpieces are processed. In addition, at least one handling device which carries and controls a multi-processing unit is provided. Various types and/or sizes of machining power tools for processing the workpieces are arranged in or on the multi-processing unit. For every add-on part, the multi-processing unit carries at least one gripping tool and at least one tool system for attaching the relevant add-on part to the workpiece. According to the present invention, a workpiece-processing station is developed, in which various workpieces individually and different tools individually or in groups can freely move in three-dimensional space, in order to separately and/or jointly process and handle planar and/or board-like workpieces.

IPC 8 full level

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