

Title (en)
MOBILE MACHINE TOOL WITH SUCTION UNIT AND CONTROL METHOD

Title (de)
MOBILE WERKZEUGMASCHINE MIT ANSAUGEINRICHTUNG UND STEUERUNGSVERFAHREN

Title (fr)
MACHINE-OUTIL MOBILE À ÉQUIPEMENT D'ASPIRATION ET PROCÉDÉ DE COMMANDE

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Abstract (en)
[origin: WO2019219781A1] The invention relates to a mobile machine tool for machining a workpiece or a space (RA), having a work device (50) which is mobile with respect to a surface (FL, FR, FF, FD) of the workpiece or space (RA) and which has a tool holder (58), which is or can be driven by a drive motor (53), for a work tool (90A, 90F), more particularly for the abrasive machining of the surface (FL, FR, FF, FD), and/or a coating unit (980) having a coating tool (981) for coating the surface (FL, FR, FF, FD), wherein the work device (50) has a suction unit (70) for suctioning the work device (50) onto the surface with at least one force component oriented in a normal direction (N) of the surface, wherein the suction unit (70) has at least one valve (85) for controlling a suction air flow and/or a vacuum in a suction region of the work device (50) for suctioning onto the surface, and wherein the at least one valve (85) has a valve member (86), which can be moved between at least two valve positions in which a flow cross-section of the valve (85) is different. According to the invention, the suction unit (70) has a suction control (80) for moving the valve member (86) during operation of the work tool or coating unit (980) between the valve positions of same subject to at least one physical variable.

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