

Title (en)  
HAND-HELD MACHINE TOOL COMPRISING A DRIVE MOTOR

Title (de)  
HAND-WERKZEUGMASCHINE MIT EINEM ANTRIEBSMOTOR

Title (fr)  
MACHINE-OUTIL PORTATIVE POURVUE D'UN MOTEUR D'ENTRAÎNEMENT

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Application  
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Abstract (en)  
[origin: WO2017178410A1] The invention relates to a hand-held machine tool, in particular a sanding machine, comprising a rod-type handle element (12) for the user to grip and a processing head (11) which is moveably mounted on the handle element (12) by means of a joint assembly (13). The processing head has an electric drive motor (100) for driving a tool holder (19) provided for holding a processing tool (20) and a speed-reducing gearbox (80) between the drive motor (100) and the tool holder (19), said gearbox being designed to achieve a reduction in speed of an output (81) of the drive motor (100) relative to a speed of the tool holder (19). According to the invention, the drive motor (100) is a brushless motor and a power supply system (40) for the drive motor (100) is arranged at a distance from the drive motor (100) on the handle element (12), the power supply system being connected to the drive motor (100) by means of a cable arrangement (41).

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