

Title (en)

PORTABLE HANDHELD MACHINE SAW HAVING PRE-SCORING ASSEMBLY AND TOOL CHANGE

Title (de)

MOBILE HAND-SÄGEMASCHINE MIT VORRITZAGGREGAT UND WERKZEUGWECHSEL

Title (fr)

MACHINE À SCIER PORTATIVE À MAIN DOTÉE D'UN ENSEMBLE DE PRÉ-RAINURAGE ET D'UN CHANGEMENT D'OUTIL

Publication

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Application

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Abstract (en)

[origin: WO2021116479A1] The invention relates to a portable handheld machine saw having a saw assembly (11) which has a saw tool receptacle (14) for a saw tool (15) and a saw drive motor (12) for driving the saw tool receptacle (14), and having a guide device (17) which has a guide body (18) having a guide surface (19) extending along a longitudinal axis (L) for guiding the handheld machine saw (10) in a working direction (AR) on a workpiece (W) or has a guide rail (200), wherein, on the basis of the saw tool (15) protruding in front of the guide surface (19) during a sawing operation of the handheld machine tool, a saw cut (SAE) can be introduced into the workpiece (W) in the working direction (AR), the handheld machine saw having a securing device (100) for securing the saw tool receptacle (14) for a tool change of the saw tool (15), the securing device (100) securing the saw tool receptacle (14) in relation to a driving by the saw drive motor (12) in a securing position (SG) and releasing it in a saw operating position (FS). According to the invention, the handheld machine saw (10) has a pre-scoring assembly (31), arranged in front of the saw assembly (11) on the guide device (17) in relation to the working direction (AR), having a pre-scoring tool receptacle (34) for a pre-scoring tool (35), in particular a pre-scoring saw blade, and having a pre-scoring drive (32A), in particular a pre-scoring drive motor (32), for driving the pre-scoring tool receptacle (34), wherein, on the basis of the pre-scoring tool (35) protruding in front of the guide surface (19) during pre-scoring operation of the handheld machine tool, a score (RI) can be introduced into the workpiece (W), in the working direction (AR), in front of the saw cut (SAE) to be introduced, and the securing device (100) secures the pre-scoring tool receptacle (34) in relation to a driving by the pre-scoring drive (32A) in a scoring position (SG) and releases it in the saw operating position (FS).

IPC 8 full level

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