

Title (en)

MOBILE HAND-HELD MACHINE SAW WITH SCORING ASSEMBLY AND DUST EXTRACTION

Title (de)

MOBILE HAND-SÄGEMASCHINE MIT VORRITZAGGREGAT UND STAUBABFUHR

Title (fr)

SCIE MÉCANIQUE PORTATIVE MOBILE DOTÉE D'UN ENSEMBLE À INCISER ET D'UN DISPOSITIF D'EXTRACTION DE POUSSIÈRE

Publication

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Application

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Abstract (en)

[origin: WO2021116481A1] The invention relates to a mobile hand-held machine saw having a saw assembly (11), which comprises a saw toolholder (14) for a sawing tool (15), more particularly a saw blade, and a saw drive motor (12) for driving the saw toolholder (14), and having a guide device (17), which has a guide body (18) with guide face (19) extending along a longitudinal axis (L) for guiding the hand-held machine saw (10) along a working direction (AR) on a workpiece (W) or a guide rail (200), wherein a cut (SAE) can be made in the workpiece (W) along the working direction (AR) by means of the sawing tool (15) projecting in front of the guide face (19) in sawing operation of the hand-held machine tool, wherein the hand-held machine saw (10) comprises a scoring assembly (31) which is arranged on the guide device (17) in front of the saw assembly (11) in the working direction (AR) and which has a scoring attachment tool holder (34) for a scoring tool (35), more particularly a scoring saw blade, and has a scoring attachment drive (32A) for driving the scoring attachment tool holder (34), wherein a score (RI) can be made in the workpiece (W) using the scoring tool (35), which projects in front of the guide face (19) in scoring operation of the hand-held machine tool, in advance, in the working direction (AR), of the intended saw cut (SAE). According to the invention, the scoring assembly (31) comprises a scoring attachment dust extraction device for extracting the particles created by the scoring tool (35) making the score (RI) in the workpiece (W).

IPC 8 full level

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Citation (search report)

See references of WO 2021116481A1

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