

Title (en)

HAND MACHINE TOOL COMPRISING AT LEAST ONE ROTATING CUTTING DISK, IN PARTICULAR, A CIRCULAR SAW BLADE

Title (de)

HANDWERKZEUGMASCHINE MIT MINDESTENS EINER ROTIERENDEN TRENNSCHEIBE, INSBESONDERE KREISSÄGEBLATT

Title (fr)

MACHINE-OUTIL PORTATIVE COMPORTANT AU MOINS UNE MEULE DE DECOUPAGE ROTATIVE, NOTAMMENT UNE LAME DE SCIE CIRCULAIRE

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Application

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Abstract (en)

[origin: WO0243909A1] The invention relates to a hand machine tool comprising at least one rotating cutting disk (11), in particular, a circular saw blade. The hand machine tool comprises a housing (13), in which a drive motor (14) with a output shaft (15) extending along the longitudinal axis (16) of the housing is accommodated, and comprises at least one drive spindle (20). Said drive spindle is rotationally mounted inside the housing (13), is arranged at a right angle to the output shaft (15), laterally projects out of the housing (13) and supports, at its projecting end, a cutting disk holding fixture (24). The hand machine tool is also composed of a gear mechanism for transferring the rotational motion of the output shaft (15) to the drive spindle (20). According to the invention, the housing (13), in the area of the drive spindle (20) and of the cutting disk (11), and the drive spindle (20), which is provided with the cutting disk holding fixture (24), are designed for an ergonomically favorable working with the hand machine tool without the occurrence of tilting moments by virtue of the fact that the cutting disk (11) and the output shaft (15) lie in the same plane.

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