

Title (en)

MANUALLY OPERATED CUTTING MACHINE COMPRISING A DEPTH ADJUSTMENT ARRANGEMENT

Title (de)

HAND-TRENNMASCHINE MIT EINER TIEFENEINSTELLEINRICHTUNG

Title (fr)

MACHINE À TRONÇONNER À MAIN POURVUE D'UN DISPOSITIF DE RÉGLAGE DE PROFONDEUR

Publication

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Application

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Abstract (en)

[origin: WO2016128232A1] The invention relates to a manually operated cutting machine (10), more particularly a power saw, comprising a drive unit (11) which has a tool mount (13) for a disc-type cutting tool (14), more particularly a saw blade, and a drive motor (12) for rotationally driving the tool mount (13), and comprising a guide arrangement (20) which can be guided along a base by way of a guide surface (27) and via which the drive unit (11) is pivotally mounted by means of a depth adjustment bearing (36) to pivot about a depth adjustment axis (TA) between an upper cutting depth position and a lower cutting depth position (SU), wherein in the lower cutting depth position (SU) the tool mount (13) is closer to the guide surface (27) than when in the upper cutting depth position (SO), so that the cutting tool (14) projects further beyond the guide surface (27) than when in the upper cutting depth position (SO), wherein for adjustment of the cutting depth positions (SU, SO) the manually operated cutting machine has a depth adjustment arrangement (50) comprising a guide depth adjustment element (70), which is connected to the guide arrangement (20), and a drive depth adjustment element (60), which is connected to the drive unit (11) and is shifted relative to the guide depth adjustment element (70) when the cutting depth position (SU, SO) is shifted, and also comprising an adjustment member (51) which provides at least one adjustment function. The adjustment member (51) is movably mounted for movement relative to the guide depth adjustment element (70) and the drive depth adjustment element (60), and can be releasably secured to the drive depth adjustment element (60) by means of a drive securing arrangement (80) and to the guide depth adjustment element (70) by means of a guide securing arrangement (100).

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