

Title (en)

MANUALLY OPERATED CUTTING MACHINE COMPRISING A RETURN SPRING MECHANISM

Title (de)

HAND-TRENNMASCHINE MIT EINER RÜCKSTELL-FEDEREINRICHTUNG

Title (fr)

MACHINE À TRONÇONNER À MAIN POURVUE D'UN DISPOSITIF À RESSORT DE RAPPEL

Publication

**EP 3256298 A1 20171220 (DE)**

Application

**EP 16702113 A 20160129**

Priority

- DE 102015101908 A 20150210
- EP 2016051953 W 20160129

Abstract (en)

[origin: WO2016128233A1] 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, 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, wherein the manual cutting machine has a hood-like cover arrangement (19) which is pivotally mounted to pivot relative to the drive unit (11) between an open position (O) and a closed position (S) so as to cover the cutting tool (14), and which in the open position (O), in order to make a cut in a workpiece (W), releases a part of the cutting tool (14) that projects beyond the guide surface (27), and in the closed position covers the cutting tool (14). The drive unit (11) is biased towards the upper depth adjustment position (SO) by a return spring arrangement (65).

IPC 8 full level

**B27B 9/02** (2006.01)

CPC (source: EP)

**B27B 9/02** (2013.01)

Citation (search report)

See references of WO 2016128233A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102015101908 A1 20160811**; DK 3256298 T3 20211206; EP 3256298 A1 20171220; EP 3256298 B1 20211103; WO 2016128233 A1 20160818

DOCDB simple family (application)

**DE 102015101908 A 20150210**; DK 16702113 T 20160129; EP 16702113 A 20160129; EP 2016051953 W 20160129