

Title (en)
HAND-HELD MACHINE TOOL.

Title (de)
HANDGEFÜHRTE WERKZEUGMASCHINE.

Title (fr)
MACHINE-OUTIL MANUELLE A FONCTIONS MULTIPLES.

Publication
EP 0515371 B1 19940810 (DE)

Application
EP 90916263 A 19901108

Priority
• DE 9001665 U 19900213
• EP 9001863 W 19901108

Abstract (en)
[origin: WO9112116A1] In order to design a hand-held machine tool, intended in particular for drilling, percussion drilling, sawing and chipping, and including a work shaft and a drive with a preferably electric motor, so that the machine tool can be used for drilling, percussion drilling, inserting and removing screws and bolts, sawing, bore-sawing, rasping and filing, chipping, bore-rasping and filing, planing, smoothing and polishing and circular-sawing, and can also be used at rest, e.g. to rotate a stationary screw, it is proposed that the drive can provide rotational motion and reciprocating (oscillatory) motion, and that the work shaft (1) can be selectively kept stationary in the longitudinal direction or moved in a percussion mode in this direction or caused to carry out an oscillatory (translational) motion, at the same time being rotated or locked in the rotational direction.

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Citation (examination)
WO 8911955 A1 19891214 - BOSCH GMBH ROBERT [DE]

Cited by
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WO 9112116 A1 19910822; AT E109712 T1 19940815; AU 6639090 A 19910903; DE 4092497 A1 19930128; DE 4092497 D2 19930128; DE 59006798 D1 19940915; DE 9015285 U1 19910606; EP 0515371 A1 19921202; EP 0515371 B1 19940810

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