

Title (en)  
HAND MECHANICAL TOOL.

Title (de)  
HANDWERKZEUGMASCHINE.

Title (fr)  
OUTIL MECANIQUE A MAIN.

Publication  
**EP 0016771 A1 19801015 (DE)**

Application  
**EP 79900542 A 19791205**

Priority  
DE 2820125 A 19780509

Abstract (en)  
[origin: WO7901041A1] A power-driven hand mechanical tool, operating in particular as a drilling or percussive machine, wherein a rotating mandrel (20) with an air percussive part (13) are movable. The percussive part (13) comprises a concentric driving sheathing (28) which has a guiding surface (30) with maximum (32) and minimum (33) axial curve, said curve being closed and presenting an inclination which increases and decreases constantly. A claw (31) clamp onto a neighbouring location of the guiding surface (30) at the immediate vicinity of the driving piston (21) of the percussive device (13). A fastener (35) prevents the claw (31) from moving freely without guiding along the guiding surface (30) while, in the axial direction, the claw is held with some degree of freedom for sweeping a guiding surface (30).

Abstract (fr)  
Un outil mecanique a main mu electriquement, fonctionnant en particulier comme perceuse ou engin a percussion, dans lequel un mandrin (20) rotatif et une piece de percussion a air (13) est mobile. La piece de percussion (13) comporte une gaine concentrique d'entrainement (28) qui presente une surface de guidage (30) avec courbe maximum (32) et minimum (33) axiale, cette courbe etant fermee et presentant une inclinaison qui augmente et diminue constamment. Une griffe (31) prend sur un emplacement voisin de la surface de guidage (30) a', proximite immediate du piston d'entrainement (21) du dispositif de percussion (13). Une attache (35) empeche l'agrafe (31) de se deplacer librement sans guidage le long de la surface de guidage (30). En revanche, dans le sens axial, elle est maintenue avec un degre de liberte pour le balayage d'une surface de guidage (30).

IPC 1-7  
**B25D 11/08**; **B23B 45/02**

IPC 8 full level  
**B23B 45/02** (2006.01); **B25D 11/08** (2006.01); **B25D 11/10** (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP)  
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