

Title (en)  
HAND MECHANICAL TOOL

Publication  
**EP 0016771 B1 19831221 (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).

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)  
**B25D 11/10** (2013.01); **B25D 16/00** (2013.01); **B25D 2211/003** (2013.01); **B25D 2211/064** (2013.01); **B25D 2250/025** (2013.01)

Cited by  
EP1923176A1; DE102013212753A1; US7661485B2; US10315298B2

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