

Title (en)
Ratchet wrench with clamping and blocking functions

Title (de)
Ratschenschlüssel mit Halte- und Blockier-Funktion

Title (fr)
Clef à cliquet avec fonction de maintien et de blocage

Publication
EP 1810788 A1 20070725 (EN)

Application
EP 06001294 A 20060123

Priority
EP 06001294 A 20060123

Abstract (en)
A ratchet wrench with clamping and blocking functions includes a shank having an enlarged head formed on one end thereof. A through hole is defined in the enlarged head and a ratchet wheel is pivotally received in the through hole. A first annular groove is defined in an inner periphery of the through hole. The ratchet wheel has a polygonal hole longitudinally defined therein. The polygonal hole extends through the ratchet wheel. A second annular groove and a second annular groove are respectively defined in an inner periphery of the polygonal hole. A stopper is partially received in the second annular groove and adapted to prevent a tool bit overly extending through the ratchet wheel and a retainer is partially received in the third annular groove and adapted to position the tool bit in the ratchet wheel.

IPC 8 full level
B25B 13/46 (2006.01); **B25B 23/00** (2006.01)

CPC (source: EP)
B25B 13/461 (2013.01); **B25B 13/463** (2013.01); **B25B 23/0035** (2013.01)

Citation (search report)
[X] US 2004093995 A1 20040520 - HU BOBBY [TW]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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