

Title (en)
Adjustable wrench with ratchet function

Title (de)
Einstellbarer Schraubenschlüssel mit Ratschenfunktion

Title (fr)
Clé réglable avec fonction à cliquet

Publication
EP 2283973 A1 20110216 (EN)

Application
EP 09167666 A 20090811

Priority
EP 09167666 A 20090811

Abstract (en)
An adjustable wrench with a ratchet, function comprises a fixed jaw 1 and a movable jaw 2, wherein the fixed jaw 1 has a receiving recess 11 for receiving a screw 3, a first spring 32 is disposed between the screw 3 and the inner wall of the receiving recess 11, a shaft 4 is passed through the first spring 32 and the screw 3, the shaft 4 is formed thereon with a blocking portion 42 for catching a pin 52, an actuating portion 521 protrudes from the end of the pin 52, the actuating portion 521 of the pin 52 abuts against the V-shaped push surface 71 of an operating piece 7, and when pressing one of the ends of the operating piece 7, the actuating portion 521 of the pin 52 can be pushed by the V-shaped push surface 71 so that the pin 52 moves and disengages from the blocking portion 42 of the shaft 4. At this time, the wrench can be counter-rotated to quickly perform screw locking action.

IPC 8 full level
B25B 13/14 (2006.01); **B25B 13/46** (2006.01)

CPC (source: EP)
B25B 13/14 (2013.01); **B25B 13/46** (2013.01)

Citation (search report)
• [A] AU 2008101107 A4 20081211 - HUANG PING WEN [TW]
• [A] DE 102008004452 B3 20090709 - HUANG PING WEN [TW]
• [A] US 3022689 A 19620227 - MCCOMB CLARENCE L

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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 SE SI SK SM TR

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