

Title (en)
Pawl for a ratchet-type spanner

Title (de)
Sperrklinke für einen Schraub Schlüssel des Ratschen-Typs

Title (fr)
Cliquet pour une clé du type à cliquet

Publication
EP 1136186 A3 20030604 (EN)

Application
EP 00122394 A 20001026

Priority
US 52362400 A 20000313

Abstract (en)
[origin: EP1136186A2] A ratchet-type spanner includes a handle and a box end extended from the handle and having a hole. A slant hole is defined in a web between the handle and the box end and communicated with the hole of the box end. A ratchet gear includes an inner periphery for driving a fastener. The ratchet gear is rotatably mounted in the hole of the box end. A pawl is mounted in the slant hole and includes a first end with teeth for releasably engaging with teeth of the ratchet gear. A plug is securely mounted in the slant hole by force-fitting engagement with an inner periphery defining the slant hole. An elastic member is mounted in the slant hole and has a first end attached to the second end of the pawl and a second end attached to the plug for biasing the pawl to engage with the ratchet gear. The first end of the pawl includes a beveled face that faces the inner periphery of the slant hole. <IMAGE>

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B25B 13/46

IPC 8 full level
B25B 13/46 (2006.01)

CPC (source: EP)
B25B 13/463 (2013.01)

Citation (search report)
• [A] DE 29901793 U1 19990401 - HSIEH CHIH CHING [TW]
• [A] US 4991468 A 19910212 - LEE CLARK J [TW]
• [A] US 2201827 A 19400521 - FROESCHL OTTO P, et al

Cited by
DE10238803B4; CN104949075A; DE102017111158A1; WO2012063122A3

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