Title (en)
Wrench with a lockable torque-setting mechanism

Title (de)
Schraubenschlüssel mit arretierbarem Drehmomenteinstellmechanismus

Title (fr)
Clef munie d'un mécanisme couple de serrage verrouillable

Publication
EP 2998071 A1 20160323 (EN)

Application
EP 14185438 A 20140918

Priority
EP 14185438 A 20140918

Abstract (en)
A locking mechanism includes a sleeve, a body, a pawl and a lever. The sleeve is non-movably connected to a grip and formed with teeth. The body is non-movably connected to a knob, partially inserted in the sleeve, and includes a recess in communication with a cavity. The pawl is movably inserted in the recess and formed with teeth. The lever includes an end for pressing the pawl and another end pivotally connected to the body. The lever is movable in the cavity of the body between a first position to press a first portion of the pawl to engage the teeth of the pawl with the teeth of the sleeve and a second position to press a second portion of the pawl to disengage the teeth of the pawl from the teeth of the sleeve.

IPC 8 full level
B25B 23/142 (2006.01)

CPC (source: EP)
B25B 23/1427 (2013.01)

Citation (applicant)
US 7182006 B1 20070227 - WU YI-MIN [TW]

Citation (search report)
• [A] EP 1375072 A2 20040102 - FACOM [FR]
• [A] US 2010275742 A1 20101104 - CHEN XUAN-REN [TW]
• [A] US 5497682 A 19960312 - HSU FRANK [TW]
• [A] US 2011113936 A1 20110519 - CHIANG SHUI LAI [TW]
• [A] DE 4428972 C1 19960208 - HAZET WERK ZERVER HERMANN [DE]

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EP3441189A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2998071 A1 20160323; EP 2998071 B1 20190220; DK 2998071 T3 20190513; HU E043321 T2 20190828; PL 2998071 T3 20190731

DOCDB simple family (application)
EP 14185438 A 20140918; DK 14185438 T 20140918; HU E14185438 A 20140918; PL 14185438 T 20140918