

Title (en)  
Torque-setting device

Title (de)  
Drehmomenteinstellungsvorrichtung

Title (fr)  
Dispositif de définition de couple

Publication  
**EP 2248634 B1 20130102 (EN)**

Application  
**EP 09159675 A 20090507**

Priority  
EP 09159675 A 20090507

Abstract (en)  
[origin: EP2248634A1] A torque-setting device includes a handle (10) with grooves (18) defined in an internal side, a driving unit (11) attached to the handle (10), a strain gauge connected to the driving unit, a strain spring (20) abutted against the strain gauge, a nut (33) abutted against the strain spring (20), an axle (30) and a knob (40). The axle (30) includes a thread. The thread is engaged with the nut (33). The knob (40) includes a tooth (42) on an external side. The knob (40) is operable to rotate the axle (30) relative to the nut (33), thus moving the nut (33) relative to the strain spring (20) to set a value of torque. The knob (40) is movable between a first position where the tooth (42) is inserted in one of the grooves to retain the value of torque and a second position where the tooth (42) is removed from the grooves to allow the rotation of the knob (40) and therefore the rotation of the axle.

IPC 8 full level  
**B25B 23/142** (2006.01)

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

Cited by  
DE202013100263U1; CN108621073A; DE102010037867B4; TWI569926B

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