

Title (en)

Hand tool having an adjustable head with joint lock mechanism

Title (de)

Handwerkzeug mit einem einstellbarem Kopf und einem Mechanismus zur Verriegelung des Gelenks desselben

Title (fr)

Outil à main avec une tête ajustable et système de blocage de l' articulation de cette tête

Publication

EP 1637286 A1 20060322 (EN)

Application

EP 05250005 A 20050105

Priority

CN 200420092793 U 20040920

Abstract (en)

A hand tool (10) having an adjustable head (20) with joint lock mechanism (40), comprising a head (20) having a rear end and a handle (30) having a front end pivotally coupled to the rear end of the head (20), characterised in that: the joint lock mechanism (40) is disposed between the rear end of the head (20) and the front end of the handle (30), and the joint lock mechanism (40) comprises a first engaging device, a second engaging device, a pull button (45) and a first elastic device (41). The first engaging device is disposed at the rear end of the head (20). The handle (30) has a first aperture (33) longitudinally extending at the front end thereof to receive the second engaging device (42), and has a second aperture (34) formed perpendicularly intersecting the first aperture (33) to receive the pull button (45). The pull button (45) has a knob portion and an engaging portion beneath the knob portion (451) and the engaging portion extends along the second aperture (34) and engages the second engaging device (42). The first elastic device (41) is received in the first aperture (33) and abuts against the second engaging device (42) with a forward force such that the front end of the second engaging device (42) is pushed to engage the first engaging device.

IPC 8 full level

B25B 23/00 (2006.01)

CPC (source: EP)

B25G 1/063 (2013.01)

Citation (search report)

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TWI718835B

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