

Title (en)

Adjustable spanner for preventing nut from rounding apex

Title (de)

Einstellbarer Schraubenschlüssel

Title (fr)

Clé à molette réglable

Publication

EP 1918070 A1 20080507 (EN)

Application

EP 06120848 A 20060918

Priority

EP 06120848 A 20060918

Abstract (en)

An adjustable spanner (1) comprises a handle (10); one end of the handle having an enlarged head (20); an upper side of the head being formed with a sliding surface (221); a fixing jaw (21) extending from one end of the head; the fixing jaw having a fixing surface (211); a fixing protrusion (212) being formed at an upper side of the fixing surface; a movable jaw (24) installed in a sliding trench (22); the movable jaw having a movable surface (241); a directional control element (25) being installed in a receiving groove (23) and engaged with the movable jaw; a movable protrusion (242) being formed at a lower side of the movable surface; a line Y being defined from a top end of the fixing surface along the fixing surface towards the sliding surface; a line X being defined to be an axial line of the sliding trench, the angle # between the line Y and the line X is between 65° and 85°, preferably is 74°.

IPC 8 full level

B25B 13/14 (2006.01)

CPC (source: EP)

B25B 13/14 (2013.01)

Citation (applicant)

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- US 3916735 A 19751104 - EVANS JAMES P
- US 5152198 A 19921006 - SCHMITZ JR HERMAN C [US]
- US 1692911 A 19281127 - VAUGHN VERSAL V
- US 1309860 A 19190715
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Citation (search report)

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- [XD] US 2004123702 A1 20040701 - WU ARTHUR [TW]
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- [A] US 4838132 A 19890613 - PYLES DONALD [US]
- [A] FR 1072636 A 19540914 - FORGES STEPHANOISES SA DES
- [A] US 5894768 A 19990420 - MALKIN RODNEY [US], et al
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- [A] DE 1819795 U 19601013 - SAVARIN & VEUVE FOINANT [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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