

Title (en)

A movable jaw tool with an adjustable tightenable pivot.

Title (de)

Werkzeug mit bewegbaren Backen, mit einem einstellbaren und zusammenziehbaren Gelenk.

Title (fr)

Outil à mâchoires mobiles avec une articulation réglable et rétractable.

Publication

EP 0214107 A1 19870311 (EN)

Application

EP 86830206 A 19860717

Priority

IT 2167985 A 19850723

Abstract (en)

A movable jaw tool such as pliers or scissors has a pivot assembly which can be adjusted to tighten it; the tool comprises a first jaw member (2) and a second jaw member (3) which are pivoted together via a pivot assembly engaged with predetermined play in a hole (8) provided in one of the jaw members (2, 3) of the tool. The pivot assembly (4) comprises a pivot body (7) having at one end an abutment head (5) and at the other end a radially expandable portion (10, 11) provided with an outer thread (12) for engagement with a threaded collet (14, 14a) connectable to the other jaw (3, 2) and an inner thread (22) which is engageable by a screw (20), tightening of which causes radial expansion of the expandable portion (10, 11) consequently clamping the pivot body (7) to one of the jaw members (2, 3) and retaining it in its state of adjustment.

IPC 1-7

B25B 7/06; B26B 13/28

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- US 624175 A 18990502
- US 793402 A 19050627 - STORSBERG JULIUS [US]
- CH 573288 A5 19760315 - EREM SA

Cited by

US5220856A; GB2383290A; DE10061456A1; EP3070346A1; CN109964674A; US9757867B2

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