

Title (en)
Self-adjusting pliers

Title (de)
Selbsteinstellende Zange

Title (fr)
Pince auto-ajustable

Publication
EP 1060841 A1 20001220 (FR)

Application
EP 99500103 A 19990615

Priority
EP 99500103 A 19990615

Abstract (en)
The pliers comprise two branches joined by a rod (15) having a female collar (1) which pivots on a pin (A) and guides a male collar (2) which slides inside and pivots on the male branch by means of a pin (B). A spring (3) sets the collars and a second spring (5) unites one (1) of the collars with the female branch. The male branch (6) has a head (7) having an upper toothed jaw (10) and a window (8) with teeth (9). The female branch (11) with a large opening allowing the passage of the male head carries a lower toothed jaw (13) and a toothed lug (14) which pivots on a spindle (21).

IPC 1-7
B25B 7/10

IPC 8 full level
B25B 7/10 (2006.01)

CPC (source: EP)
B25B 7/10 (2013.01); **B25B 7/12** (2013.01)

Citation (search report)
• [DA] US 5020399 A 19910604 - ANNIS JEFFREY R [US], et al
• [DA] US 4651598 A 19870324 - WARHEIT WILLIAM A [US]
• [DA] US 4662252 A 19870505 - WARHEIT WILLIAM A [US]

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DE102013217874B3

Designated contracting state (EPC)
AT DE DK FR GB GR IT PT SE

DOCDB simple family (publication)
EP 1060841 A1 20001220; EP 1060841 B1 20061206; AT E347465 T1 20061215; DE 69934300 D1 20070118; DE 69934300 T2 20070621; DK 1060841 T3 20070410; PT 1060841 E 20070330

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