

Title (en)  
Self-adjusting pliers

Title (de)  
Selbsteinstellende Zange

Title (fr)  
Pince auto-ajustable

Publication  
**EP 1060841 B1 20061206 (FR)**

Application  
**EP 99500103 A 19990615**

Priority  
EP 99500103 A 19990615

Abstract (en)  
[origin: EP1060841A1] 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 8 full level  
**B25B 7/10** (2006.01)

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

Cited by  
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

DOCDB simple family (application)  
**EP 99500103 A 19990615**; AT 99500103 T 19990615; DE 69934300 T 19990615; DK 99500103 T 19990615; PT 99500103 T 19990615