

Title (en)  
Pliers.

Title (de)  
Zange.

Title (fr)  
Pince.

Publication  
**EP 0140183 A1 19850508 (DE)**

Application  
**EP 84111691 A 19840929**

Priority  
DE 8330495 U 19831022

Abstract (en)  
1. Pliers for holding and/or pinching off workpieces, comprising two hinge-connected metallic legs (11, 12) having abutting operating edges and including each a working portion (14) and a plastic-coated, bent handle portion (15), said legs consisting of a sheet metal of substantially constant thickness, and a spring (21) pressing apart the handle portions (15) and the legs (11, 12), characterized in that the spring (21) is mounted in recesses of the handle portions and is covered bilaterally by plates (22), that one plate (22) is integrally formed with the plastic of the one leg (11) while the other plate (22) is integrally formed with the plastic of the other leg (12) and that the extension of the plates (22) in transverse direction is such as to cover the spring (21) in each opening position of the pliers.

Abstract (de)  
Die beiden Schenkel (11,12) der Zange bestehen jeweils aus einem nicht-schmiedbaren Blech von im wesentlichen konstanter Stärke. Die Griffteile (15) sind mit einem Kunststoffüberzug beschichtet. Die Griffteile (15) werden von einer Feder auseinandergedrückt. Die Arbeitsteile (14) sind mit einer harten Beschichtung versehen. Die beiden Schenkel (11,12) sind durch ein Gelenk (13) miteinander verbunden.

IPC 1-7  
**B25B 7/00**

IPC 8 full level  
**B25B 7/00** (2006.01); **B25B 7/02** (2006.01)

CPC (source: EP)  
**B25B 7/00** (2013.01); **B25B 7/02** (2013.01)

Citation (search report)  
• DE 2303375 A1 19730809 - BROWN FRANK R  
• DE 2653840 A1 19770630 - BAHCO VERKTYG AB  
• US 3521510 A 19700721 - ANGQUIST TORSTEN F  
• US 3082652 A 19630326 - RENE MARTI  
• US 4316315 A 19820223 - VOGELNIK JOSKO

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**EP 0140183 A1 19850508; EP 0140183 B1 19880427; DE 3470677 D1 19880601; DE 8330495 U1 19840119**

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