

Title (en)  
Pliers

Title (de)  
Zange

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Pince

Publication  
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Application  
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Abstract (en)  
[origin: US6612206B1] The invention relates to pliers having a first operating jaw (1) and a first plier handle (2) fixed thereto, having a second operating jaw (3) which is mounted pivotably by means of a pivot pin (30) and forms a plier mouth with the first operating jaw (1), having a second plier handle (4) which is mounted pivotably on a section (23) of the second operating jaw (3), said section being oriented towards the rear plier end, and having a resilient connecting element (7), of which one end is provided on the second plier handle (4), just behind the second operating jaw (3), and the other end is provided on the first plier handle (2). The pivot pin (30) is fastened on one of the operating jaws (3), and located in the other operating jaw (1) is a slot (33) for accommodating the pivot pin (30), the longitudinal direction of said slot running in the plier plane, at least more or less perpendicularly to the longitudinal direction of the pliers. A tension spring (5, 6) has one end fastened on the pivot pin (30) and its other end fastened on the operating jaw (1), which has the slot (33).

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IPC 8 full level  
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**B25B 7/12** (2013.01 - EP US); **B25B 7/123** (2013.01 - EP US); **B25B 7/14** (2013.01 - EP US); **B25B 27/146** (2013.01 - EP US)

Citation (search report)  
• [E] EP 1080845 A2 20010307 - WEIDMUELLER INTERFACE [DE]  
• [DY] DE 3109289 A1 19820128 - TOOLEMA AB [SE]  
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• [A] DE 4117305 A1 19921203 - WEIDMUELLER INTERFACE [DE]  
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**US 6612206 B1 20030902**; AT E377483 T1 20071115; DE 29914764 U1 20010104; DE 50014757 D1 20071220; EP 1080844 A2 20010307; EP 1080844 A3 20021211; EP 1080844 B1 20071107; ES 2294987 T3 20080416; PT 1080844 E 20071126

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