

Title (en)  
TOOL OF THE PLIERS OR WRENCH TYPE, IN PARTICULAR UNIVERSAL PLIERS

Publication  
**EP 0087630 B1 19880504 (DE)**

Application  
**EP 83101252 A 19830210**

Priority  
DE 3206907 A 19820226

Abstract (en)  
[origin: EP0087630A2] 1. Tool in the manner of pliers or a monkey wrench, in particular universal pliers, with a fixed gripping cheek (14) arranged at the end of a handle and a gripping cheek (16), which is movable relative to this between an open and a closed position, is received in a guide of the handle extending in direction of the closing and opening movements and which is actuable by means of an actuating lever (22) and a guide rod (18) operatively connected therewith, which are articulated either at the movable gripping cheek or at that end of the handle, which is remote from the latter, wherein the handle, the actuating lever, the guide rod and the movable gripping cheek received in the guide form a closed multi-link chain, characterised thereby, that the guide rod (18, 118, 218) providing the operative connection between the movable gripping cheek (16, 116, 216) and the actuating lever (22, 122, 222) is steplessly settable in its length and comprises a guide rod part, which possesses a guide bore (27, 127, 227) extending in the axis of the guide rod, as well as a guide spigot (26, 126, 22) with adjusting thread and received in the guide bore to be longitudinally displaceable therein, which guide rod part and guide spigot are by their mutually remote ends articulated at a respective one of the movable gripping cheek and the actuating lever, and that a threaded sleeve (30, 130, 230), which is rotatably, but axially fixedly borne at the named guide rod part, is received as adjusting means on the adjusting thread of the guide spigot.

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IPC 8 full level  
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CPC (source: EP)  
**B25B 7/04** (2013.01); **B25B 9/04** (2013.01); **B25B 13/16** (2013.01)

Cited by  
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