

Title (en)
Pressurised fluid driven pliers

Title (de)
Druckmittelzange

Title (fr)
Pince entraînée par un fluide sous pression

Publication
EP 1138444 B1 20040114 (DE)

Application
EP 00106508 A 20000325

Priority
EP 00106508 A 20000325

Abstract (en)
[origin: EP1138444A1] The pliers has a control region with a pressure medium connection (81) and valve (71), at least one working piston (36) controlled by the valve, jaws halves (19) pivoted by a thrust element, a valve pin actuated by a trigger transversely to the piston's direction of motion and a force sensor (26) in the force transfer path between the working piston and the jaws halves for measuring as force dependent on the closing force of the jaws halves. Independent claims are also included for the following: a construction kit system with pressure medium pliers.

IPC 1-7
B25B 27/14; **B25B 7/12**

IPC 8 full level
B25B 7/12 (2006.01); **B25B 27/14** (2006.01)

CPC (source: EP)
B25B 7/126 (2013.01); **B25B 27/146** (2013.01)

Cited by
CN112932617A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1138444 A1 20011004; **EP 1138444 B1 20040114**; AT E257763 T1 20040115; DE 50005020 D1 20040219; ES 2214182 T3 20040916

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EP 00106508 A 20000325; AT 00106508 T 20000325; DE 50005020 T 20000325; ES 00106508 T 20000325