

Title (en)
Slip-joint plier

Title (de)
Verstellbare zange

Title (fr)
Pince multiprise

Publication
EP 1574292 B1 20090819 (DE)

Application
EP 04005986 A 20040312

Priority
EP 04005986 A 20040312

Abstract (en)
[origin: EP1574292A1] The tool is assembled of two long handles (A, B) with cranked gripping areas (G1, G2) located at their upper ends. One of the handles (A) is provided with a longitudinal slot (L) below the gripping area (G1), accommodating a bolt (20) sliding along the slot (L) in order to adjust the distance between the jaws. The bolt (20) is assembled of a shaft surrounded by a helical spring, a cylindrical base, and a conical head, all accommodated inside a sleeve (16) and can only be moved when the head is pressed in order to release the locking unit.

IPC 8 full level
B25B 7/10 (2006.01)

CPC (source: EP)
B25B 7/10 (2013.01)

Cited by
US8770067B2; WO2011006452A1; DE102011121207B4

Designated contracting state (EPC)
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DOCDB simple family (publication)
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