

Title (en)

PRESSING TOOL WITH BISTABLE CLAMPING MECHANISM

Title (de)

PRESSWERKZEUG MIT BISTABLEM SPANNUNGSMECHANISMUS

Title (fr)

OUTIL DE PRESSAGE À MÉCANISME DE TENSION BISTABLE

Publication

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Application

EP 14795614 A 20141105

Priority

- DE 102013112848 A 20131121
- EP 2014073811 W 20141105

Abstract (en)

[origin: WO2015074873A1] The invention relates to a pressing tool for connecting a tube and a fitting, in particular for detachably connecting them, with two pivoting elements (4a, 4b), with two actuating portions (6a, 6b) formed on the pivoting elements (4a, 4b), with two pressing portions (8a, 8b) formed on the pivoting elements (4a, 4b), with two support elements (16a, 16b) assigned to the pivoting elements (4a, 4b) and with a bistable clamping mechanism, wherein the pivoting elements (4a, 4b) are respectively mounted pivotably about an assigned pivot pin (20a, 20b), wherein the support elements (16a, 16b) hold the pivot pins (20a, 20b), wherein the inner contours (10a, 10b) of the pressing portions (8a, 8b) lying opposite one another of the two pivoting elements (4a, 4b) form a receiving region (12) and wherein the receiving region (12) formed by the inner contours (10a, 10b) is narrower in a first, closed position of the pivoting elements (4a, 4b) than in a second, open position of the pivoting elements (4a, 4b), in which the technical problem of providing a pressing tool that is easier to handle and at the same time has a simpler structure and is less susceptible to wear is solved by a compression spring (22) being arranged between the two pivoting elements (4a, 4b) and by the compression spring (22) pressing the pivoting elements from a bistable intermediate position either into the first position or into the second position.

IPC 8 full level

B25B 27/10 (2006.01)

CPC (source: CN EP US)

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DOCDB simple family (publication)

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