

Title (en)
PUSH ROD FOR A PNEUMATIC ELEMENT

Title (de)
DRUCKSTAB FÜR PNEUMATISCHE BAUELEMENTE

Title (fr)
TIGE POUSSOIR POUR ELEMENT PNEUMATIQUE

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Application
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Abstract (en)
[origin: WO03054329A1] The invention relates to a push rod (3) that absorbs pressure forces of a pneumatic element that comprises a hollow body (3) filled with a pressurized gas. Said push rod comprises a groove (8) with a substantially circular widened section (10) and a neck (9). A pocket (6) which is fastened to the hollow body (2) across its entire length, can be drawn into said groove (8) before the hollow body (2) is impinged upon with the pressurized gas. After drawing, a clamping element (11) with a substantially circular cross-section is drawn into the part of the pocket (6) lying in the groove (8). Once the hollow body (2) is impinged upon with pressurized gas, the circumferential tension of the hollow body (2) extends across the clamped part of the pocket (6).

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