

Title (en)  
SHAFT MOUNTING

Title (de)  
WELLENLAGERUNG

Title (fr)  
SUPPORT D'ARBRE

Publication  
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Application  
**EP 00958486 A 20000822**

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Abstract (en)  
[origin: WO0114751A1] The invention relates to a pneumatic actuator comprising a housing (1), which has a pneumatic cylinder (6), and comprising at least one piston (4, 5). Said piston can move inside the cylinder (6) in the direction of the axis of the cylinder (6) and, together with the cylinder (6), delimits a working space (32, 33, 34). The piston (4, 5) has a gearing (20) which extends in a direction of the axis. The inventive pneumatic actuator also comprises a shaft (3) which can rotate around an axial direction (2), whose axial direction (2) is vertical in relation to the axis, and which has a gearing (12) that engages with the gearing (20) of the piston (4, 5). A less complex structure is obtained by virtue of the fact that the piston (4, 5) fixes the shaft (3) with positive engagement in the axial direction thereof (2).

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