

Title (en)
SHAFT MOUNTING

Title (de)
WELLENLAGERUNG

Title (fr)
SUPPORT D'ARBRE

Publication
EP 1212537 B1 20030604 (DE)

Application
EP 00958486 A 20000822

Priority
• DE 19940644 A 19990826
• EP 0008191 W 20000822

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).

IPC 1-7
F15B 15/08

IPC 8 full level
F15B 15/08 (2006.01)

CPC (source: EP)
F15B 15/065 (2013.01)

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)
WO 0114751 A1 20010301; AT E242433 T1 20030615; AU 6998500 A 20010319; DE 19940644 A1 20010301; DE 50002472 D1 20030710; EP 1212537 A1 20020612; EP 1212537 B1 20030604; ES 2195932 T3 20031216

DOCDB simple family (application)
EP 0008191 W 20000822; AT 00958486 T 20000822; AU 6998500 A 20000822; DE 19940644 A 19990826; DE 50002472 T 20000822; EP 00958486 A 20000822; ES 00958486 T 20000822