

Title (en)  
PNEUMATIC MOTOR

Publication  
**EP 0405127 B1 19930331 (DE)**

Application  
**EP 90109490 A 19900518**

Priority  
DE 3921214 A 19890628

Abstract (en)  
[origin: EP0405127A1] A pneumatic motor with a piston (11) displaceable in a cylinder, a piston rod, a valve (13) reversing the driving compressed air, a switching rod (21), displaceable coaxially or in parallel to the piston rod (12), for switching over the reversing valve, and a spring snap-in device via which the piston rod (12) is in operative connection with the switching rod (21) is improved by the fact that the snap-in device consists of two torsion springs (25, 26) arranged diametrically opposite the switching rod (21) and in a manner fixed to the housing and of two rocker levers (27, 28). The rocker levers (27, 28) are hinged, on the one hand, on the free torsion end of the associated torsion spring (25, 26) and, on the other hand, on the switching rod (21). <IMAGE>

IPC 1-7  
**F01B 11/00; F01L 25/06**

IPC 8 full level  
**F01B 11/00** (2006.01); **F01B 17/02** (2006.01); **F01L 25/06** (2006.01); **F01L 31/02** (2006.01)

CPC (source: EP)  
**F01B 11/001** (2013.01); **F01B 17/02** (2013.01); **F01L 25/063** (2013.01); **F01L 31/02** (2013.01)

Designated contracting state (EPC)  
AT CH FR IT LI

DOCDB simple family (publication)  
**EP 0405127 A1 19910102; EP 0405127 B1 19930331**; AT E87707 T1 19930415; DE 3921214 A1 19910110; DE 3921214 C2 19910704

DOCDB simple family (application)  
**EP 90109490 A 19900518**; AT 90109490 T 19900518; DE 3921214 A 19890628