

Title (en)  
Pneumatic actuator

Title (de)  
Druckluftzylinder

Title (fr)  
Vérin pneumatique

Publication  
**EP 0872646 B1 20030618 (DE)**

Application  
**EP 98107107 A 19980418**

Priority  
DE 19716564 A 19970419

Abstract (en)  
[origin: EP0872646A1] The pneumatic cylinder has a piston connecting rod which is connected with an operating mechanism, preferably a shaft of an exhaust valve of a engine brake via a valve lever. An outer channel (228) is provided for feeding compressed air in and out, and is connected via a channel (229) with the cylinder housing. A holding device is provided for the piston in the inwardly moved position. A drawback device is provided for piston from the outwardly moved to the inwardly moved position and comprises a pressure chamber (240). A feed channel (230) and an outlet channel are provided, together with an inlet valve and an outlet valve, both of which are connected with the outer channel (228). The pressure chamber via the feed channel (230) and the inlet valve is simultaneously with the cylinder housing fillable with compressed air.

IPC 1-7  
**F15B 15/26**; **F15B 11/06**

IPC 8 full level  
**F15B 11/06** (2006.01); **F15B 15/14** (2006.01); **F15B 15/26** (2006.01)

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**F02D 9/06** (2013.01); **F15B 15/1452** (2013.01); **F15B 15/1476** (2013.01); **F15B 15/149** (2013.01); **F15B 15/261** (2013.01)

Cited by  
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**EP 0872646 A1 19981021**; **EP 0872646 B1 20030618**; DE 19716564 A1 19981022; DE 59808731 D1 20030724

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