

Title (en)  
COMPRESSED-AIR ECONOMIZING DEVICE

Publication  
**EP 0067934 B1 19850116 (EN)**

Application  
**EP 82103026 A 19820408**

Priority  
IT 2143881 A 19810429

Abstract (en)  
[origin: EP0067934A2] A device (5) for economizing on compressed air, or other fluids under pressure fed to pneumatic cylinders (1) used for example in the field of machines and machine-tools in general. The device comprises a pressure reducing valve (12), arranged within a first passage (9, 10, 11) for feeding the fluid to the cylinder (1) to be controlled, and a single-acting valve (25) located within a second passage (22) for the return of the fluid from said cylinder (1), which passage coaxially encircles the pressure reducing valve (12), thereby achieving a device with a compact and functional structure.

IPC 1-7  
**F15B 11/06**; F15B 13/02

IPC 8 full level  
**F15B 11/064** (2006.01)

CPC (source: EP)  
**F15B 11/064** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/30525** (2013.01); **F15B 2211/50554** (2013.01)

Cited by  
CN102635587A; GB2137320A; AT386258B; GB2251477A; ES2082672A1; WO2016202356A1

Designated contracting state (EPC)  
CH DE FR GB LI NL SE

DOCDB simple family (publication)  
**EP 0067934 A2 19821229**; **EP 0067934 A3 19830112**; **EP 0067934 B1 19850116**; DE 3261914 D1 19850228; IT 1139088 B 19860917; IT 8121438 A0 19810429

DOCDB simple family (application)  
**EP 82103026 A 19820408**; DE 3261914 T 19820408; IT 2143881 A 19810429