

Title (en)  
IMPROVEMENTS IN GASEOUS FLUID FLOW VALVES

Publication  
**EP 0254548 A3 19890426 (EN)**

Application  
**EP 87306473 A 19870722**

Priority  
GB 8617950 A 19860723

Abstract (en)  
[origin: EP0254548A2] A gaseous fluid flow valve suitable for use in respiratory apparatus comprises a valve body (2) formed with an aperture (3) which is closed by a plate-like closure member (5). Spring biasing means (7), suitably in the form of a bowed spring (13), urge the closure member to the position in which it closes the aperture. Support means of the closure member constrain movement thereof to a predetermined path. To enable the force of the spring biasing means (7) on the closure member to be varied, the spring mounting means is adjustable. Where a bowed spring is employed the spring ends are supported in mountings secured to the valve body one or both of which is adjustable. Other spring configurations with adjustable mountings are referred to.

IPC 1-7  
**A62B 18/10; F16K 15/02**

IPC 8 full level  
**A62B 18/10** (2006.01)

CPC (source: EP)  
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Citation (search report)  
• [YP] EP 0225744 A1 19870616 - NAT RES DEV [GB]  
• [Y] GB 2087732 A 19820603 - CHUBB PANORAMA  
• [A] GB 602187 A 19480521 - GARRETT CORP  
• [A] FR 2076779 A5 19711015 - DELVERDIER MAURICE  
• [A] GB 1447091 A 19760825 - PHILIPS ELECTRONIC ASSOCIATED  
• [A] GB 2145336 A 19850327 - AUTOMATED PROCESS & CONTROL

Cited by  
US11497866B2; WO2018048790A1

Designated contracting state (EPC)  
BE DE FR GB NL SE

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**EP 0254548 A2 19880127; EP 0254548 A3 19890426; EP 0254548 B1 19921119**; DE 3782689 D1 19921224; DE 3782689 T2 19930415; GB 2192794 A 19880127; GB 2192794 B 19900516; GB 8617950 D0 19860828; GB 8717294 D0 19870826

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