

Title (en)  
An automatic delivery valve.

Title (de)  
Automatisches Zufuhrventil.

Title (fr)  
Soupape de débit automatique.

Publication  
**EP 0318157 A1 19890531 (EN)**

Application  
**EP 88310169 A 19881028**

Priority  
GB 8725208 A 19871028

Abstract (en)  
A valve assembly suitable for self-contained underwater breathing apparatus used in conjunction with an adjustable buoyancy life jacket has two inlets (30, 62), one outlet (26) and first and second valves (40, 67) which control the flow of air from a respective inlet to the outlet, each valve (40, 67) being controlled to open or close by a respective first and second diaphragm (36, 71) which both experience substantially the same pressure differential but which have a different mechanical resistance from one another so that the assembly automatically directs air to the outlet from one inlet or the other depending on the depression in a diaphragm chamber.

IPC 1-7  
**B63C 11/08**; **B63C 11/22**

IPC 8 full level  
**B63C 11/08** (2006.01); **B63C 11/22** (2006.01)

CPC (source: EP)  
**B63C 9/1255** (2013.01); **B63C 11/2245** (2013.01)

Citation (search report)  
• [A] US 3219034 A 19651123 - LADIMUR KALENIK  
• [A] GB 2084881 A 19820421 - HARDY GEORGE BRIAN, et al  
• [A] WO 8706557 A1 19871105 - BUOYCO DIVERS LTD [GB]  
• [A] US 3898705 A 19750812 - SCHULER MANFRED

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Designated contracting state (EPC)  
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