

Title (en)  
Integrated pressure reducing valve

Title (de)  
Integriertes Druckminderungsventil

Title (fr)  
Detendeur intégré

Publication  
**EP 1400742 A1 20040324 (EN)**

Application  
**EP 02078857 A 20020918**

Priority  
EP 02078857 A 20020918

Abstract (en)  
An integrated pressure reducing valve comprises an inlet port (1) for connecting to the outlet of a gas container and an outlet port (2) for connecting to a consumer. It further comprises an upstream pressure regulator (3) and a downstream pressure regulator (4) connected in series between the inlet connector (1) and the outlet connector (2), with the upstream pressure regulator (3) arranged upstream of the downstream pressure regulator (4). An auxiliary port (5) is provided at a point of connection (6) between the upstream pressure regulator (3) and the downstream pressure regulator (4). <IMAGE>

IPC 1-7  
**F17C 5/00**; **F17C 7/00**

IPC 8 full level  
**F17C 5/06** (2006.01); **F17C 13/04** (2006.01)

CPC (source: EP)  
**F17C 5/06** (2013.01); **F17C 13/04** (2013.01); **F17C 2205/0326** (2013.01); **F17C 2205/0332** (2013.01); **F17C 2205/0335** (2013.01); **F17C 2205/0341** (2013.01); **F17C 2205/0385** (2013.01); **F17C 2205/0394** (2013.01); **F17C 2221/013** (2013.01); **F17C 2223/035** (2013.01); **F17C 2223/036** (2013.01); **F17C 2227/048** (2013.01); **F17C 2250/0626** (2013.01); **F17C 2260/021** (2013.01); **F17C 2260/056** (2013.01)

Citation (search report)  
• [A] EP 0532912 A1 19930324 - LINDE AG [DE]  
• [A] EP 0903533 A2 19990324 - NERI KI KK [JP]  
• [A] EP 0688983 A1 19951227 - NERI KI KK [JP]

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DOCDB simple family (publication)  
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