

Title (en)  
Breathing gas feed device.

Title (de)  
Atemgasnährvorrichtung.

Title (fr)  
Dispositif d'alimentation en gaz respiratoire.

Publication  
**EP 0512887 A1 19921111 (FR)**

Application  
**EP 92401179 A 19920424**

Priority  
FR 9105388 A 19910502

Abstract (en)  
The pressure-relief valve assembly (9), coupled to the diaphragm (5) lever (27) by a rod assembly (15, 22) traversing the internal cavity (8) of the casing (1), comprises means (16, 21) for heat exchange with the surrounding environment, a rod support (24), at the end of the rod assembly (15, 22) opposite the valve assembly (9), also being advantageously combined with heat-exchange means (32, 33) so as to prevent icing, under the effect of the pressure-relief of the breathing gas in the casing, of the mechanical equipment for controlling the valve assembly when used in a cold environment. <IMAGE>

IPC 1-7  
**A62B 9/02**

IPC 8 full level  
**B63C 11/32** (2006.01); **A62B 9/00** (2006.01); **B63C 11/22** (2006.01)

CPC (source: EP US)  
**A62B 9/003** (2013.01 - EP US); **B63C 11/2227** (2013.01 - EP US); **B63C 2011/2254** (2013.01 - EP US); **Y10S 137/908** (2013.01 - EP US); **Y10T 137/7781** (2015.04 - EP US)

Citation (search report)

- [Y] US 2921594 A 19600119 - MAYO ALFRED M
- [YD] FR 2644750 A1 19900928 - SPIROTECH IND COMMERC [FR]
- [A] US 4356820 A 19821102 - TRINKWALDER JR JOSEPH C

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

DOCDB simple family (publication)  
**EP 0512887 A1 19921111**; **EP 0512887 B1 19960313**; CA 2067870 A1 19921103; CA 2067870 C 20031216; DE 69208927 D1 19960418; DE 69208927 T2 19960919; FR 2676000 A1 19921106; FR 2676000 B1 19951222; JP 3201824 B2 20010827; JP H05262285 A 19931012; US 5265596 A 19931130

DOCDB simple family (application)  
**EP 92401179 A 19920424**; CA 2067870 A 19920501; DE 69208927 T 19920424; FR 9105388 A 19910502; JP 11146992 A 19920430; US 87563792 A 19920428