

Title (en)

Positive pressure demand valves.

Title (de)

Überdrucklungenautomat.

Title (fr)

Soupape commandée par des poumons à pression positive.

Publication

EP 0212873 A1 19870304 (EN)

Application

EP 86305808 A 19860729

Priority

- GB 8519926 A 19850808
- GB 8603390 A 19860212

Abstract (en)

The particular problems of embedding and wear which are encountered in the positive pressure demand valves for controlling the flow of gas in a breathing system are overcome by the provision of a positive pressure demand valve which has apertured jewels (14, 15) constituting the contacting valve surfaces of both the valve seat (13) and the head (12) of the tilt valve member. Both jewels (14, 15) are resiliently mounted as inserts, the jewel (15) of the tilt head member being a snap fit in a cap (16) of a plastics and therefore resilient material, while the seat jewel (14) is cushioned by a layer (11) of resilient material in a recess in a metallic valve seat (13). The seat jewel (14) is of frusto-conical shape thus restricting the area of the contacting valve surfaces.

IPC 1-7

A62B 9/02; F16K 1/46; F16K 25/00

IPC 8 full level

A62B 9/02 (2006.01)

CPC (source: EP)

A62B 9/025 (2013.01)

Citation (search report)

- [A] EP 0126412 A2 19841128 - SEKUR SPA [IT]
- [A] GB 2117931 A 19831019 - DOWTY HYDRAULIC UNITS LTD
- [AP] DE 3420815 A1 19860522 - KAGE ANDREAS DR

Designated contracting state (EPC)

DE FR SE

DOCDB simple family (publication)

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