

Title (en)
Switch valve.

Title (de)
Schaltventil.

Title (fr)
Valve de commutation.

Publication
EP 0202721 A1 19861126 (EN)

Application
EP 86200897 A 19860522

Priority
NL 8501474 A 19850523

Abstract (en)
In a multiway valve having a housing (1) with connectors (2, 3, 4) for an auxiliary-source supply line, for a main-source supply line and for a delivery line to for example a breathing mask respectively, a differential piston (5) is movable between two end positions dependent on sufficient main source air pressure acting on the larger end part (6) of the piston (5), the smaller part (7) thereof being loaded by the auxiliary air pressure, said piston (5) when loaded by sufficient main source pressure automatically moves towards and remains in that end position in which the connecting passage (11) from the auxiliary supply line connector (2) to the delivery line connector (4) is closed off and said piston (5) automatically moves towards and remains in the other end position, in which the connecting passage (10) between the main supply line connector (3) and said delivery line connector (4) is closed off, as soon as the main supply pressure drops below a predetermined level.

IPC 1-7
A62B 9/02

IPC 8 full level
A62B 9/02 (2006.01)

CPC (source: EP)
A62B 9/02 (2013.01)

Citation (search report)

- [Y] US 4499914 A 19850219 - SCHEBLER BERNARD J [US]
- [Y] US 3618636 A 19711109 - GRIMLAND CHARLES J, et al
- [A] FR 2232715 A1 19750103 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]

Cited by
US2015367150A1; US10086219B2

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
EP 0202721 A1 19861126; NL 8501474 A 19861216

DOCDB simple family (application)
EP 86200897 A 19860522; NL 8501474 A 19850523