

Title (en)
SWITCH CONTROLLED AS A FUNCTION OF THE PRESSURE

Publication
EP 0206132 B1 19911016 (DE)

Application
EP 86107993 A 19860611

Priority
DE 3521646 A 19850615

Abstract (en)
[origin: US4692574A] A differential pressure responsive switch utilizes an operating diaphragm which has a position controlled by a pressure being monitored with the diaphragm acting through a transmission member upon an electrical switch and includes a first chamber divided by a control diaphragm and having an inlet for the pressure to be monitored to one side of the control diaphragm while the other side of the control diaphragm carries a closure member for an adjacent bleed valve seat. An inlet for the bleed valve is connected via a throttle to a source of a pressurized gas and to a second chamber defined by the operating diaphragm and a spring is engaged through the transmission member to urge the operating diaphragm against the pressure in the second chamber.

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H01H 35/26

IPC 8 full level
F23N 5/24 (2006.01); **H01H 35/26** (2006.01)

CPC (source: EP US)
F23N 5/247 (2013.01 - EP US); **H01H 35/2692** (2013.01 - EP US); **Y10T 137/2278** (2015.04 - EP US)

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