

Title (en)
PRESSURE SWITCH DEVICE

Title (de)
DRUCKSCHALTER VORRICHTUNG

Title (fr)
DISPOSITIF COMMUTATEUR A PRESSION

Publication
EP 0616721 B1 19971229 (EN)

Application
EP 93922991 A 19931013

Priority
• GB 9221492 A 19921013
• GB 9302117 W 19931013

Abstract (en)
[origin: WO9409503A1] A pressure operated switch device in which switch operation is effected by movement of the diaphragm in response to a fluid pressure difference across it, permanent magnets (40, 41) hold the diaphragm assembly (10) against switch operating movement until a reset device (45) is operated to release the diaphragm assembly from the magnets. A further permanent magnet (32) assists snap action and movement of the diaphragm assembly against the plungers of microswitches (20, 21), mounted on a bracket (25) which limits diaphragm movement against the plungers. A return spring (36) biases the diaphragm assembly against the permanent magnets (40, 41).

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H01H 5/02; **H01H 35/34**

IPC 8 full level
H01H 5/02 (2006.01); **H01H 35/26** (2006.01)

CPC (source: EP)
H01H 5/02 (2013.01); **H01H 35/2621** (2013.01)

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