

Title (en)
Pressure switch

Title (de)
Druckschalter

Title (fr)
Commutateur manométrique

Publication
EP 1363305 A1 20031119 (EN)

Application
EP 02425297 A 20020515

Priority
EP 02425297 A 20020515

Abstract (en)
A pressure switch includes a container (1) closed by a cover (4) and inside which there is arranged a membrane (2), as well as a microswitch (5) mounted on the cover (4) so as to be activated upon rising of said membrane (2) on which there is also arranged a ballast (3) of ferromagnetic material which undergoes the attraction of one or more magnets (7) arranged on the cover (4). In this way the pressure switch retains the functionality of conventional pressure switches yet with a structure extremely simple to manufacture, which results in low manufacturing cost and high reliability, and makes simpler to adjust the intervention value and to set the restore value, allowing for an adjustment range of the latter which can even extend to zero. <IMAGE>

IPC 1-7
H01H 35/26

IPC 8 full level
H01H 35/26 (2006.01); **H01H 35/34** (2006.01)

CPC (source: EP)
H01H 35/2621 (2013.01); **H01H 35/34** (2013.01)

Citation (search report)
• [XY] GB 1203413 A 19700826 - INERTIA SWITCH LTD
• [Y] DE 1275832 B 19680822 - BOSCH GMBH ROBERT
• [A] DE 3336469 A1 19840412 - MITSUBISHI ELECTRIC CORP [JP]

Cited by
CN108520841A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1363305 A1 20031119

DOCDB simple family (application)
EP 02425297 A 20020515