

Title (en)
PRESSURE SWITCH

Title (de)
DRUCKSCHALTER

Title (fr)
COMMUTATEUR DE PRESSION

Publication
EP 3772081 B1 20221102 (EN)

Application
EP 20187209 A 20200722

Priority
JP 2019141049 A 20190731

Abstract (en)
[origin: EP3772081A1] A pressure switch which can be downsized, and which can reduce a change in switching characteristics of the switch is provided. By using a leaf spring (7) as a biasing member, it is possible to reduce size of the pressure switch (1) as a whole, and particularly it is easy to reduce size in the motion direction of an operation member (5). Further, since the leaf spring (7) exerts an biasing force on the operation member (5) and the biasing force does not directly act on a transmission member (6), it is possible to suppress wear in a portion where a contacted portion (61c) of the transmission member (6) and a second shaft portion (53) of the operation member (5) contact each other even when the leaf spring (7) exerts a large biasing force on the operation member (5). Further, wear of a shaft member (63) and two shaft support holes (61e) and (61f) can be suppressed at the same time. As a result, it is possible to reduce the change in the switching characteristics of the micro switch (3).

IPC 8 full level
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CPC (source: CN EP)
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