

Title (en)
GAS PRESSURE SWITCH

Title (de)
DRUCKGASSCHALTER

Title (fr)
INTERRUPTEUR A GAZ COMPRIME

Publication
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Application
EP 94924695 A 19940822

Priority
• DE 9400987 W 19940822
• DE 4332886 A 19930921

Abstract (en)
[origin: WO9508836A1] In a gas pressure switch, two fixed switching components (2, 3) at a distance A apart are hollow to discharge switching gases and are fitted at the front with nozzle bodies (4, 5) projecting inwards by the distance A and made of a material which gives off a quenching gas component under the action an arc. The switching components are bridged in the ON position by a movable switching component which opens the disconnected section in the OFF position. There is also an arc contact system (8, 9) which draws the arc on switch-off. To combine the advantages of electrically conductive nozzle bodies with those of electrically insulating nozzle bodies, the nozzle bodies are made, according to the invention, of a slightly conductive plastic and the bridging component (6) is fitted with an arc electrode which forms the arc contact system (8, 9) with a second arc electrode (8) on the fixed sequence switching component (3).

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