

Title (en)
GAS CONTROL VALVE

Title (de)
GASREGELARMATUR

Title (fr)
VANNE DE REGULATION DE GAZ

Publication
EP 2771617 B1 20170927 (DE)

Application
EP 12784209 A 20121022

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Abstract (en)
[origin: CA2852147A1] The aim of the invention is to provide a gas regulator fitting that ensures simple manual operation. In particular, activation and deactivation, respectively, are to be made possible with one motion. Furthermore, the invention aims to ensure that even in the event the voltage source malfunctions, the gas regulator fitting will be deactivated. To accomplish this, an ignition safety magnet (34) is excited by a current flowing over a first micro switch (13) when the gas regulator fitting is activated by means of the manual actuation of a tappet (10) having selector contours (15; 16) in a longitudinal direction against the force of a return spring (12). A second micro switch (14), which is series-connected in the thermal current circuit, thereby assumes the open position thereof since both micro switches (13; 14) can be operated by means of the selector contours (15; 16) assigned thereto, such that the first micro switch (13) is closed before the second micro switch (14) is opened, whereas when the tappet (10) assumes the initial position thereof under the force of the return spring (12), the second micro switch (14) is closed before the first micro switch (13) is opened.

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US 7507085 B2 20090324 - HAPPE BARBARA [DE], et al

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