

Title (en)
PRESSURE OPERATED SWITCHGEAR

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EP 0353465 A3 19910410 (DE)

Application
EP 89111985 A 19890630

Priority
DE 3826749 A 19880805

Abstract (en)
[origin: EP0353465A2] In pressure-operated switchgear, in particular for household appliances such as water heaters, which contain in a plastic housing a pressure-operated actuating member for an actuation part of an electrical switch element arranged in the housing, which switch element is loaded by an adjusting spring supported in the housing on a support, the unavoidable temperature changes to which the pressure-operated switchgear is subject lead to form changes of the housing, resulting in a misalignment of the switching point of the switch element. According to the invention, at least the support (W) of the adjusting spring (22) is arranged on a carrier (T) which is made of a material that is form-stable under the influence of temperature at least in the deflection direction of the actuating member (19) and is mounted in the housing (2) at points (35) which remain essentially deformation-free under the influence of temperature in the deflection direction of the actuating member. <IMAGE>

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