

Title (en)
Temperature-sensitive electrical switch and method for producing the same

Title (de)
Temperaturrempfindlicher elektrischer Schalter und Verfahren zu dessen Herstellung

Title (fr)
Commutateur électrique sensible à la température et son procédé de fabrication

Publication
EP 2650897 B1 20160629 (DE)

Application
EP 13163124 A 20130410

Priority
AT 1332012 U 20120410

Abstract (en)
[origin: EP2650897A1] The switch has a thermal double-metal snapping element i.e. snapping disk, and a spring element (6) designed as a movable contact section. The contact section is moved against a fixed contact section (12). A pressure pin acts as an effective connection between the snapping element and the spring element. A switch bridge unit is arranged in a housing and provided with a switch bridge and a plastic component (16). The bridge comprises two parts that form respective connecting sections (10, 11). The parts are embedded in the component and connected with one another by the component. The parts of the switch bridge are designed as a stamping part made from metal. An independent claim is also included for a method for manufacturing a temperature-sensitive electrical switch.

IPC 8 full level
H01H 37/54 (2006.01)

CPC (source: EP)
H01H 37/5427 (2013.01); **H01H 2037/549** (2013.01)

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