

Title (en)

Temperature-dependent switch with a snap disc clasped at the edge

Title (de)

Temperaturabhängiger Schalter mit am Rand eingeklemmter Schnappscheibe

Title (fr)

Commutateur thermosensible doté d'un disque à action rapide disposé sur le bord

Publication

**EP 2854149 B1 20180328 (DE)**

Application

**EP 14180471 A 20140811**

Priority

DE 102013109291 A 20130827

Abstract (en)

[origin: US2015061818A1] A temperature-dependent switch arranged with a housing has a temperature-dependent switching mechanism comprising a snap-action disc, on which at least one outer contact region and at least one inner contact region are provided. A movable contact part held on the inner contact region interacts with a first contact surface connected to a first external connection on an upper part of the housing. The at least one outer contact region is connected at least in sections permanently to a second contact surface connected to a second external connection on a lower part of the housing. The snap-action disc lifts off the movable contact part from the first contact surface depending on the temperature of the switching mechanism. The snap-action disc has at least one compensation section between the at least one outer contact region and the at least one inner contact region.

IPC 8 full level

**H01H 37/54** (2006.01)

CPC (source: CN EP US)

**H01H 37/54** (2013.01 - CN EP US); **H01H 37/5427** (2013.01 - CN EP US); **H01H 2037/5481** (2013.01 - CN EP US);  
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