

Title (en)
TEMPERATURE-DEPENDENT SWITCH

Title (de)
TEMPERATURABHÄNGIGER SCHALTER

Title (fr)
COMMUTATEUR DÉPENDANT DE LA TEMPÉRATURE

Publication
EP 3796360 B1 20211117 (DE)

Application
EP 20196508 A 20200916

Priority
DE 102019125450 A 20190920

Abstract (en)
[origin: CN112542349A] A temperature-dependent switch having a housing that comprises a cover part and an electrically conductive lower part. The switch further comprises a first external contact surface arranged on the upper side of the cover part, and a second external contact surface provided externally on the housing. Still further, the switch comprises a temperature-dependent switching mechanism that is arranged in the housing and that, depending on its temperature, establishes or opens an electrically conductive connection between the first and the second external contact surfaces. A circumferential cutting burr acting as a sealing means is furthermore provided, that penetrates into the insulating foil or the cover part, wherein the cutting burr is arranged on a sealing ring that is connected to the lower part by means of a non-positive, positive and/or firmly bonded connection.

IPC 8 full level
H01H 37/54 (2006.01)

CPC (source: CN EP US)
H01H 9/04 (2013.01 - CN US); **H01H 37/04** (2013.01 - CN US); **H01H 37/52** (2013.01 - US); **H01H 37/5427** (2013.01 - EP)

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