

Title (en)

TEMPERATURE-DEPENDENT SWITCH WITH A SPACER RING

Title (de)

TEMPERATURABHÄNGIGER SCHALTER MIT SCHNEIDGRAT

Title (fr)

COMMUTATEUR THERMODÉPENDANT POURVU D'UNE BAVURE DE COUPE

Publication

**EP 3410457 B1 20200429 (DE)**

Application

**EP 18184744 A 20160729**

Priority

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- EP 16181935 A 20160729

Abstract (en)

[origin: US2017062160A1] A temperature-dependent switch has a housing with a cover part having a lower side and an upper side and with an electrically conductive lower part having a circumferential shoulder and a circumferential wall with an upper section that overlaps the cover part. The switch has a first external contact surface on the upper side of the cover part and a second external contact surface externally on the housing, wherein the upper section of the circumferential wall presses the cover part onto the circumferential shoulder. A temperature-dependent switching mechanism is arranged in the housing and, depending on its temperature, establishes or opens an electrically conductive connection between the first and second external contact surfaces. A circumferential cutting burr is arranged on the shoulder in the lower part.

IPC 8 full level

**H01H 37/54** (2006.01)

CPC (source: CN EP US)

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