

Title (en)
TEMPERATURE-DEPENDENT SWITCH

Title (de)
TEMPERATURABHÄNGIGER SCHALTER

Title (fr)
COMMUTATEUR DÉPENDANT DE LA TEMPÉRATURE

Publication
EP 3796360 A1 20210324 (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)

Citation (applicant)
• DE 102015114248 B4 20190117 - HOFSAESS MARCEL P [DE]
• DE 4139091 A1 19930826 - HOFSAESS P [DE]
• DE 102009039948 A1 20110303 - HOFSAESS MARCEL P [DE]
• DE 19623570 A1 19980102 - HOFSAESS MARCEL [DE]
• DE 102013102089 B4 20150212 - HOFSAESS MARCEL P [DE]
• DE 102013102006 B4 20150305 - HOFSAESS MARCEL P [DE]
• DE 102015144248 A

Citation (search report)
[AD] DE 102015114248 B4 20190117 - HOFSAESS MARCEL P [DE]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DE 102019125450 A1 20210325; DE 102019125450 B4 20210408; DK 3796360 T3 20220214; US 11282662 B2 20220322;
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