

Title (en)
TEMPERATURE-DEPENDENT SWITCH

Title (de)
TEMPERATURABHÄNGIGER SCHALTER

Title (fr)
COMMUTATEUR DÉPENDANT DE LA TEMPÉRATURE

Publication
EP 3511968 B1 20220330 (DE)

Application
EP 18212149 A 20181213

Priority
DE 102018100890 A 20180116

Abstract (en)
[origin: US2019221390A1] A temperature-dependent switch has a first and a second stationary counter contact and a temperature-dependent switching mechanism with a contact member. The switching mechanism, in its first switching position, presses the contact member against the first counter contact and, in this case, produces an electrically conducting connection between the two counter contacts via the contact member. The switching mechanism, in its second switching position, holds the contact member at a spacing from the first counter contact. A closing lock is provided, which prevents the switch, once opened, from closing again. The closing lock locks the temperature-dependent switching mechanism permanently in the second switching position thereof in a mechanical manner.

IPC 8 full level
H01H 37/52 (2006.01)

CPC (source: CN EP US)
H01H 37/52 (2013.01 - EP US); **H01H 37/5409** (2013.01 - CN EP US); **H01H 37/5427** (2013.01 - CN US); **H01H 37/70** (2013.01 - EP US); **H01H 37/74** (2013.01 - US); **H01H 2037/549** (2013.01 - CN US)

Cited by
US11469066B2; US11217409B2; EP3809437A1; EP3736845A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3511968 A1 20190717; EP 3511968 B1 20220330; CN 110047698 A 20190723; CN 110047698 B 20210611;
DE 102018100890 B3 20190718; DK 3511968 T3 20220523; ES 2914303 T3 20220609; US 10861662 B2 20201208;
US 2019221390 A1 20190718

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EP 18212149 A 20181213; CN 201910042457 A 20190116; DE 102018100890 A 20180116; DK 18212149 T 20181213;
ES 18212149 T 20181213; US 201816220807 A 20181214