

Title (en)
TEMPERATURE-DEPENDENT SWITCH

Title (de)
TEMPERATURABHÄNGIGER SCHALTER

Title (fr)
COMMUTATEUR THERMIQUE

Publication
EP 3024010 B1 20170712 (DE)

Application
EP 15193480 A 20151106

Priority
DE 102014116888 A 20141118

Abstract (en)
[origin: US2016141128A1] A temperature-dependent switch has a housing whereon a first and at least one second connection surface are arranged for the galvanic attachment of connection leads. Within the housing a temperature-dependent switching mechanism is arranged, which produces or opens an electrically conductive connection between the two connection surfaces depending on the temperature of said switching mechanism. The connection leads are connected via the inner ends thereof to the connection surfaces by one-sided spot welding.

IPC 8 full level
H01H 37/04 (2006.01); **H01H 37/52** (2006.01); **H01H 37/54** (2006.01)

CPC (source: CN EP US)
H01H 11/04 (2013.01 - US); **H01H 37/04** (2013.01 - CN EP US); **H01H 37/54** (2013.01 - US); **H01H 37/5427** (2013.01 - CN);
H01H 37/52 (2013.01 - EP US); **H01H 37/5427** (2013.01 - EP US); **H01H 2037/046** (2013.01 - EP US); **H01H 2037/5463** (2013.01 - EP US)

Cited by
EP3731254A1

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 3024010 A1 20160525; EP 3024010 B1 20170712; CN 105609369 A 20160525; DE 102014116888 A1 20160602;
DE 102014116888 B4 20180517; DK 3024010 T3 20171009; ES 2640516 T3 20171103; US 2016141128 A1 20160519

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EP 15193480 A 20151106; CN 201510789393 A 20151117; DE 102014116888 A 20141118; DK 15193480 T 20151106;
ES 15193480 T 20151106; US 201514938895 A 20151112