

Title (en)

Temperature-dependent circuit with series resistor

Title (de)

Temperaturabhängiger Schalter mit Vorwiderstand

Title (fr)

Commutateur thermodépendant avec résistance protectrice

Publication

EP 2506281 B1 20151007 (DE)

Application

EP 12161290 A 20120326

Priority

- DE 102011016133 A 20110329
- DE 102011104984 A 20110620

Abstract (en)

[origin: EP2506281A1] The temperature-dependent switch (10) has a temperature-dependent switching mechanism received in a housing having an upper portion having an external connector (22) and an electrically conductive lower portion having an outer-lying base (24). A carrier plate (25) is arranged with a heating resistor (28) on the upper side (26). The heating resistor is connected to the solder pads (27,29). The heating resistor is soldered to the base using the solder pads, such that the base is soldered to the solder pad (27).

IPC 8 full level

H01H 37/54 (2006.01)

CPC (source: EP)

H01H 37/5436 (2013.01)

Cited by

EP2846344A3; CN111952117A; US9691576B2; WO2015196320A1; US11901144B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ 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 2506281 A1 20121003; EP 2506281 B1 20151007

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