

Title (en)

Thermally actuated switch with contact bridge

Title (de)

Temperaturabhängiger Schalter mit Kontaktbrücke

Title (fr)

Interrupteur à commande thermique avec pont de contact

Publication

EP 0863527 B1 20040609 (DE)

Application

EP 97119933 A 19971114

Priority

DE 19708436 A 19970301

Abstract (en)

[origin: EP0863527A2] The temperature dependent switch has a bimetallic disc (31) that is retained within a formed ring (14) that is moulded into a plastic body (17). A bridging contact (29) is fixed to the centre of the disc and engages the fixed contacts (26,27) in one position. The contacts are fixed to contact carriers (24,25) that are metal pressings that are shaped to extend beyond the housing and provide a unit for external connection.

IPC 1-7

H01H 37/54

IPC 8 full level

H01H 11/00 (2006.01); **H01H 37/54** (2006.01)

CPC (source: EP US)

H01H 11/0056 (2013.01 - EP US); **H01H 37/5427** (2013.01 - EP US); **H01H 37/54** (2013.01 - EP US)

Cited by

WO2008006385A1; AT512726A1; AT512726B1; EP3731254A1; US9355801B2; WO2010139781A1; WO2021168493A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)

EP 0863527 A2 19980909; **EP 0863527 A3 19990506**; **EP 0863527 B1 20040609**; AT E268940 T1 20040615; DE 19708436 A1 19980910; DE 19708436 C2 19990819; DE 59711703 D1 20040715; ES 2221009 T3 20041216; PT 863527 E 20041029; US 6100784 A 20000808

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EP 97119933 A 19971114; AT 97119933 T 19971114; DE 19708436 A 19970301; DE 59711703 T 19971114; ES 97119933 T 19971114; PT 97119933 T 19971114; US 2528198 A 19980218