

Title (en)
BIMETALLIC THERMAL SWITCH

Title (de)
THERMOBIMETALLSCHALTER

Title (fr)
THERMORUPTEUR BIMETALLIQUE

Publication
EP 1774555 A1 20070418 (DE)

Application
EP 05775029 A 20050722

Priority
• EP 2005008001 W 20050722
• DE 102004036117 A 20040724

Abstract (en)
[origin: WO2006010563A1] Disclosed is a bimetallic thermal switch comprising an electrically insulating support (2) and a bimetallic contact spring (4) that is supported by said electrically insulating support (2) and is provided with two ends, one of which is fixed. At least one subarea (4a) of said contact spring (4) is shaped so as to rapidly change the curvature thereof when the switching temperature thereof is exceeded. The inventive bimetallic thermal switch further comprises two electrical feeders (8, 9) which are supported by the insulating support (2) and extend to two contact pieces (6, 7) that are separated from each other and from the contact spring (4), as well as a contact bridge (5) which is mounted on the contact spring (4) opposite the two contact pieces (6, 7).

IPC 8 full level
H01H 37/54 (2006.01); **H01H 1/20** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2006010563A1

Cited by
DE102011016896C5; EP2511930A1; EP2511930B1

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