

Title (en)  
THERMAL SWITCHING DEVICE, IN PARTICULAR A TEMPERATURE ADJUSTER CONTROLLED BY A BIMETALLIC ELEMENT

Title (de)  
THERMISCHE SCHALTEINRICHTUNG, INSBESONDERE BIMETALLGESTEUERTER TEMPERATURREGLER

Title (fr)  
SYSTEME DE COMMUTATION THERMIQUE, NOTAMMENT THERMOREGULATEUR A COMMANDE PAR BILAME

Publication  
**EP 0962024 B1 20021023 (DE)**

Application  
**EP 98912220 A 19980214**

Priority  
• DE 9800423 W 19980214  
• DE 19706316 A 19970218

Abstract (en)  
[origin: WO9837565A1] The invention relates to a thermal switching device, in particular a temperature adjuster, limiter or fuse controlled by a bi-metallic element, having a housing (1), a recess (2), a thermally sensitive element which is fitted in the lower section (3) of the recess (2), and a contact area (6), consisting of a dynamic contact (7) and a fixed contact (8) which is active between two connecting contacts (9, 10) mounted on the housing (1), as well as a transmission element (11) which transmits the movement of the thermally sensitive element onto the dynamic contact (7) of the contact area (6). The transmission element (11) is a swivelling lever accommodated on one side, which lever subjects the upper side of the thermally sensitive element (bimetallic snap-in disk (4)) to a lower, first projecting part (13) and the dynamic contact (6) to a higher, second projecting part (14).

IPC 1-7  
**H01H 37/54**; **H01H 37/76**

IPC 8 full level  
**H01H 37/54** (2006.01); **H01H 37/76** (2006.01)

CPC (source: EP)  
**H01H 37/54** (2013.01); **H01H 37/76** (2013.01); **H01H 2037/549** (2013.01)

Cited by  
CN113921332A

Designated contracting state (EPC)  
AT BE FR GB IT LU NL

DOCDB simple family (publication)  
**WO 9837565 A1 19980827**; AT E226754 T1 20021115; DE 19706316 A1 19980820; DE 19706316 C2 19991021; EP 0962024 A1 19991208; EP 0962024 B1 20021023

DOCDB simple family (application)  
**DE 9800423 W 19980214**; AT 98912220 T 19980214; DE 19706316 A 19970218; EP 98912220 A 19980214