

Title (en)
Thermally controlled electrical switch device

Title (de)
Thermisch gesteuerte elektrische Schaltvorrichtung

Title (fr)
Dispositif interrupteur commandé thermiquement

Publication
EP 1139369 A3 20030502 (DE)

Application
EP 01105532 A 20010306

Priority
DE 10016141 A 20000331

Abstract (en)
[origin: DE10016141C1] The device has a bimetallic element, a manual setting device and a contact arrangement that can be displaced by the bimetallic element and is connected to the setting device for setting its switching point. A one-piece insulating mounting block has parallel mounting slots for the contact arrangement's attachment end, a fixed contact carrier and the fixed end of the bimetallic element. The setting device bearer is in one piece with the block. The device has a bimetallic element, a manual setting device (3) and a contact arrangement with fixed and moving contacts that can be displaced by the bimetallic element and is connected to the setting device for setting its switching point. A bearer consists of a one-piece mounting block (13) of insulating material with a number of parallel mounting slots (14) for insertion of the attachment end of the contact arrangement, a fixed contact carrier and the fixed end of the bimetallic element. The carrying element for the setting device is in one piece with the bearer.

IPC 1-7
H01H 37/12

IPC 8 full level
H01H 37/12 (2006.01); **H01H 37/20** (2006.01)

CPC (source: EP US)
H01H 37/12 (2013.01 - EP US); **H01H 37/20** (2013.01 - EP US)

Citation (search report)
• [XA] US 4899124 A 19900206 - HOLLWECK WALTER [DE]
• [XD] EP 0887825 A2 19981230 - AGRUPADA INVEST OFF [ES]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 10016141 C1 20010823; EP 1139369 A2 20011004; EP 1139369 A3 20030502; US 2001026207 A1 20011004

DOCDB simple family (application)
DE 10016141 A 20000331; EP 01105532 A 20010306; US 82858301 A 20010330