

Title (en)
THERMOSTAT

Publication
EP 0182487 B1 19930203 (EN)

Application
EP 85307253 A 19851010

Priority
• IT 4827385 A 19850624
• IT 4905984 A 19841024

Abstract (en)
[origin: EP0182487A2] A thermostat equipped with a bimetallic element sensitive to a given temperature comprises a monolithic base open at one end in which two terminals connectable to an electric circuit are inserted and precisely located, each having one end bent at a right angle and each carrying a stationary contact, an element carrying movable contacts for connecting the stationary contacts with one another, a spring housed in a seat on said base biasing the movable contact element to engage the stationary contacts, a sliding element for moving and guiding said movable contact-carrying element, a bimetallic element suitably spaced from the said sliding element for initiating movement of the sliding element in response to temperature change, and a lid which fastens the said bimetallic element to the said base with said spacing from the sliding element.

IPC 1-7
H01H 37/54; **H01H 69/01**

IPC 8 full level
H01H 37/54 (2006.01); **H01H 1/58** (2006.01); **H01H 11/06** (2006.01)

CPC (source: EP)
H01H 37/54 (2013.01); **H01H 1/5866** (2013.01); **H01H 11/06** (2013.01); **H01H 2011/062** (2013.01); **H01H 2011/067** (2013.01); **H01H 2037/5445** (2013.01); **H01H 2037/549** (2013.01)

Cited by
EP0749143A3; FR2618597A1; EP0222058A1; US4827096A; WO8702823A1

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0182487 A2 19860528; **EP 0182487 A3 19881117**; **EP 0182487 B1 19930203**; DE 3587064 D1 19930318; DE 3587064 T2 19930519

DOCDB simple family (application)
EP 85307253 A 19851010; DE 3587064 T 19851010