

Title (en)
Thermostat with automatic reset

Title (de)
Thermostat mit automatischer Rückstellung

Title (fr)
Thermostat à réarmement automatique

Publication
EP 0559517 B1 19960717 (FR)

Application
EP 93400439 A 19930219

Priority
FR 9202602 A 19920304

Abstract (en)
[origin: EP0559517A1] This thermostat (1) comprises a casing (2) containing at least one fixed contact (3) and a moving contact (13a, 4) which can be actuated by a bimetallic element (6) mounted on an end face (5) of the casing (2), which passes abruptly from an unstressed position to a deformed position when its temperature reaches a first predetermined value and passes back into its unstressed position when its temperature drops back to a second predetermined value lower than the first value. In order to lengthen the reset time of the thermostat, the latter comprises a cover (14) made of an insulating material and which is fixed to the casing (2) so as to form with it a chamber (17) accommodating the bimetallic element (6) and which is placed in communication with the surrounding atmosphere through an orifice (15) of small size formed in a wall (14a) of the cover (14). <IMAGE>

IPC 1-7
H01H 37/16

IPC 8 full level
H01H 37/16 (2006.01); **H01H 37/54** (2006.01)

CPC (source: EP)
H01H 37/16 (2013.01); **H01H 37/5427** (2013.01); **H01H 37/54** (2013.01)

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