

Title (en)

Highly reliable thermostat for adjusting temperature in electric apparatus

Title (de)

Thermostat mit hoher Betriebssicherheit zur Einstellung der Temperatur in elektrischen Geräten

Title (fr)

Thermostat à haute fiabilité de fonctionnement pour l'ajustement de la température des appareils électriques

Publication

EP 0907196 A1 19990407 (EN)

Application

EP 98118378 A 19980929

Priority

IT MI970702 U 19971001

Abstract (en)

The invention relates to a thermostat for adjusting temperature in electric apparatus comprising, inside a box-like body, a membrane, coupled to a liquid holding probe varying its volume as the temperature changes. The thermostat comprises a rocking member supporting a non conductive material pad, affecting a metal blade, depending on the volume variation, in turn depending on the temperature transmitted to the membrane. The blade is driven from a first position, providing an electrical connection between an input terminal and a first output terminal, to a second position, in which the blade is electrically connected to a second output terminal. The blade can be resiliently recovered to the first position thereof by a resilient fork element, the legs of which bear on an insulating diaphragm, provided with a hole for allowing the pad to pass therethrough. <IMAGE>

IPC 1-7

H01H 37/36; **H01H 35/26**

IPC 8 full level

H01H 37/36 (2006.01)

CPC (source: EP)

H01H 37/36 (2013.01)

Citation (search report)

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