

Title (en)

CONTROL THERMOSTAT PROVIDED WITH A HOLDING DEVICE

Title (de)

MIT EINER HALTEEINRICHTUNG AUSGESTATTETER STEUERETHERMOSTAT

Title (fr)

THERMOSTAT DE RÉGULATION À DISPOSITIF DE RETENUE

Publication

EP 1766647 A1 20070328 (FR)

Application

EP 05773019 A 20050526

Priority

- FR 2005001300 W 20050526
- FR 0405670 A 20040526

Abstract (en)

[origin: WO2005119720A1] The inventive probe thermostat comprises an electromechanical temperature control system arranged in a pedestal enclosure (3) closed by a casing (13), wherein said temperature control system consists of a probe (2) provided with a high-expansion metal tube (5) inside of which a low-expansion metal rod (7) is disposed, a safety device (15) for opening safety breakers (29, 30) when the temperature is greater than a minimum thermal threshold thereof and a holding device (18, 20) for converting the low expansion movement of the safety device (15) in to a sudden movement for opening the contacts (31, 32) of the elastic blades (27, 28) of each safety breaker (29, 30). Said holding device temporarily acts on a sliding unit (17) which contacts each safety breaker(29, 30) and is connected to the safety device.

IPC 8 full level

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CPC (source: EP)

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