

Title (en)
Temperature sensor

Title (de)
Temperaturfühler

Title (fr)
Capteur de température

Publication
EP 1458003 B1 20060607 (DE)

Application
EP 04450054 A 20040308

Priority
AT 3622003 A 20030310

Abstract (en)
[origin: EP1458003A1] The tube (8) of the temperature sensor (7) extends all the way across the top of the circular heating element (1). It contains a first long rod (L1.9) which expands when heated and presses on the end of a short rod (L2.9) which extends into a housing (10). The housing contains electrical contacts (11,12) which may be pushed together by expansion of the first rod. The two rods have different coefficients of expansion to compensate for expansion of the housing. The housing may be rotated as a knob (18) to alter the setting of the switch.

IPC 8 full level
H01H 37/48 (2006.01); **H01H 37/10** (2006.01); **H01H 37/20** (2006.01); **H01H 37/32** (2006.01)

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