

Title (en)
Temperature switching device

Title (de)
Temperatur-Schaltgerät

Title (fr)
Appareil de commutation de température

Publication
EP 0394693 B1 19960828 (DE)

Application
EP 90105986 A 19900329

Priority
DE 3913289 A 19890422

Abstract (en)
[origin: EP0394693A2] In a switching device (1a), provided especially as a temperature monitor and a signalling switch for radiant heating bodies of glass-ceramic cookers, the end, located at the base (2), of the outer tube (7a) (consisting of quartz glass or the like) of the expansion rod temperature sensor (6a) is supported such that it can move with respect to the base (2) such that this end carries out the movements required to operate the switch. The temperature sensor (6a) is mounted with a bracket-like flange body (10a) on a sensor holder (82) of the base (2) such that one and the same base (2), including essentially the entire switching mechanism, can also be provided with a temperature sensor in which the inner end of the inner rod carries out the movement required to operate the switch. In this way, different sensor systems can optionally be arranged on one and the same apparatus head, with simple production, for matching to the respective requirements. <IMAGE>

IPC 1-7
H01H 37/48

IPC 8 full level
H01H 37/48 (2006.01)

CPC (source: EP)
H01H 37/48 (2013.01)

Cited by
US2016255678A1; DE19654773C1; US5420398A; EP1251540A3; US10609764B2; WO2008017397A1; WO2016183889A1

Designated contracting state (EPC)
AT DE ES GB IT

DOCDB simple family (publication)
EP 0394693 A2 19901031; EP 0394693 A3 19910703; EP 0394693 B1 19960828; AT E142045 T1 19960915; DE 3913289 A1 19901025; DE 59010463 D1 19961002; ES 2091208 T3 19961101

DOCDB simple family (application)
EP 90105986 A 19900329; AT 90105986 T 19900329; DE 3913289 A 19890422; DE 59010463 T 19900329; ES 90105986 T 19900329