

Title (en)

Temperature limiter.

Title (de)

Temperaturbegrenzer.

Title (fr)

Limiteur de température.

Publication

EP 0279368 B1 19950201 (DE)

Application

EP 88102059 A 19880212

Priority

DE 3705260 A 19870219

Abstract (en)

[origin: US4901049A] In a temperature limiter (1) with a rod-like temperature sensor (6), the outer tube is formed by a continuously tensile-stressed insulating tube (7) extending into a base (2). An inner rod (8), optionally articulated two or more times in the longitudinal direction, is constructed as a continuously pressure-loaded rod, characterized by temperature-dependent length expansion. The temperature limiter (1), e.g., for a glass ceramic unit, may have a circuit breaker (5) closer to the temperature sensor, and a more-remote signal switch (4). In that case, for operating the remote signal switch, a flat bar-like transfer member (9) traverses both switches through openings (54). The transfer member is coupled at the associated end and in adjustable manner with an operating member (30) for the signal switch (4), receiving the adjustment member (34). The parts are constantly held together in clearance-free manner by the tension of a restoring spring (40).

IPC 1-7

H01H 37/48; **H05B 1/02**

IPC 8 full level

H05B 3/00 (2006.01); **H01H 37/48** (2006.01); **H05B 1/02** (2006.01)

CPC (source: EP KR US)

H01H 37/48 (2013.01 - EP US); **H05B 1/02** (2013.01 - KR); **H05B 1/0216** (2013.01 - EP US)

Cited by

EP1223597A1; CN107154326A; EP0476304A3; EP3116286A4; EP1251540A3; US5310993A; EP0552860A3; EP1569257A1; EP0442694A1; US5132657A; FR2713363A1; US5627507A; GB2205687B; US7345572B2; US6724294B2

Designated contracting state (EPC)

AT CH DE ES FR GB GR IT LI SE

DOCDB simple family (publication)

EP 0279368 A2 19880824; **EP 0279368 A3 19891115**; **EP 0279368 B1 19950201**; AT E118118 T1 19950215; DE 3705260 A1 19880901; DE 3852896 D1 19950316; ES 2067449 T3 19950401; JP S63252376 A 19881019; KR 880010623 A 19881010; TR 24131 A 19910329; US 4901049 A 19900213; YU 31988 A 19900831; YU 46104 B 19921221

DOCDB simple family (application)

EP 88102059 A 19880212; AT 88102059 T 19880212; DE 3705260 A 19870219; DE 3852896 T 19880212; ES 88102059 T 19880212; JP 3414688 A 19880218; KR 880001735 A 19880219; TR 14588 A 19880218; US 15789688 A 19880219; YU 31988 A 19880218