

Title (en)

TEMPERATURE LIMITER FOR A GLASS-CERAMIC COOKING UNIT

Publication

EP 0141923 B1 19880525 (DE)

Application

EP 84109392 A 19840808

Priority

- DE 3333645 A 19830917
- DE 3410442 A 19840322

Abstract (en)

[origin: US4633238A] A temperature sensor for a temperature limiter is made up of an outer tube and a number of inner component rods. The temperature sensor extends transversely over the top side of a moulding of a heating system for a glass-ceramic cooking unit. The heating system comprises a central heating surface and an outer connectable heating surface disposed in a circle therearound. Disposed in the zone of the central heating surface is an inner component rod whose coefficient of expansion is lower than that of the outer tube, while in the zone of the connectable heating surface the component rods have a higher coefficient of expansion than the outer tube.

IPC 1-7

F24C 7/08; **H01H 37/08**; **H01H 37/48**

IPC 8 full level

H05B 3/74 (2006.01); **F24C 7/08** (2006.01); **G05D 23/275** (2006.01); **H01H 37/08** (2006.01); **H01H 37/48** (2006.01); **H05B 1/02** (2006.01)

CPC (source: EP US)

H01H 37/48 (2013.01 - EP US); **H05B 1/0216** (2013.01 - EP US); **H01H 37/20** (2013.01 - EP US)

Cited by

EP0279368A3; EP0225490A3; DE4438648A1; US5877475A; DE19604306C2; DE4029351A1; EP0476304A3; EP1458003A1; DE4138815A1; US5321381A; US7119654B2; EP0789503A2; EP0714223A2

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US 4633238 A 19861230; AT E34636 T1 19880615; AU 3267484 A 19850321; AU 571571 B2 19880421; DE 3410442 A1 19850926; DE 3471547 D1 19880630; EP 0141923 A1 19850522; EP 0141923 B1 19880525; EP 0141923 B2 19930721; ES 535840 A0 19850516; ES 8505496 A1 19850516; GR 80333 B 19850111; JP H0561756 B2 19930907; JP S6084788 A 19850514; YU 158384 A 19861031; YU 43674 B 19891031

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US 64953084 A 19840911; AT 84109392 T 19840808; AU 3267484 A 19840903; DE 3410442 A 19840322; DE 3471547 T 19840808; EP 84109392 A 19840808; ES 535840 A 19840912; GR 840180333 A 19840911; JP 18985584 A 19840912; YU 158384 A 19840913