

Title (en)

Sensor for cooking vessel detection

Title (de)

Sensor zur Kochgefäßserkennung

Title (fr)

Capteur pour la détection d'un récipient de cuisson

Publication

**EP 0982973 A3 20000503 (DE)**

Application

**EP 99123892 A 19970118**

Priority

- DE 19603845 A 19960205
- EP 97100766 A 19970118

Abstract (en)

[origin: EP1379105A2] A sensor (30) has a single-wind loop that consists of a tube or thick wire and fits over the sensor near heater zones (18,19) and tightly under a glass ceramic plate. In the case of a two-circuit electric radiant element, the sensor loop is shaped in the heater zones with concise peripheral areas (37,38). An Independent claim is also included for a radiant element.

IPC 1-7

**H05B 3/74**; **H05B 1/02**

IPC 8 full level

**H05B 3/00** (2006.01); **H05B 1/02** (2006.01); **H05B 3/68** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

**H05B 3/746** (2013.01 - EP US); **H05B 2213/05** (2013.01 - EP US)

Citation (search report)

[A] DE 4235085 A1 19930422 - KLASCHKA IND ELEKTRONIK [DE]

Cited by

CN110073084A; EP1460386A2; US11598530B2; EP2706816A1; DE102012215744A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0788293 A2 19970806**; **EP 0788293 A3 19980107**; **EP 0788293 B1 20010808**; AT E204114 T1 20010815; AT E263475 T1 20040415; DE 19603845 A1 19970807; DE 19603845 B4 20100722; DE 59704217 D1 20010913; DE 59711476 D1 20040506; EP 0982973 A2 20000301; EP 0982973 A3 20000503; EP 0982973 B1 20040331; EP 0982973 B2 20090211; EP 1379105 A2 20040107; EP 1379105 A3 20041103; ES 2162136 T3 20011216; ES 2218941 T3 20041116; ES 2218941 T5 20090601; JP H09223572 A 19970826; US 5893996 A 19990413

DOCDB simple family (application)

**EP 97100766 A 19970118**; AT 97100766 T 19970118; AT 99123892 T 19970118; DE 19603845 A 19960205; DE 59704217 T 19970118; DE 59711476 T 19970118; EP 03022466 A 19970118; EP 99123892 A 19970118; ES 97100766 T 19970118; ES 99123892 T 19970118; JP 3257297 A 19970203; US 79238397 A 19970203