

Title (en)

Cooker with a glass ceramic cooking surface

Title (de)

Kochapparat mit einem Glaskeramikkochfeld

Title (fr)

Appareil de cuisson avec une surface de cuisson en vitro-c ramique

Publication

**EP 0718562 B1 20000223 (DE)**

Application

**EP 95119087 A 19951205**

Priority

DE 4446237 A 19941223

Abstract (en)

[origin: EP0718562A2] The cooker has gas jet burners, each of which has a gas supply device with a magnetic valve (4), an igniter (5), a flame monitoring device (8), an on/off switch for the igniter and a microprocessor control device (6) for operating and monitoring the burner. The control device interrogates the monitoring device for the presence of gas flame at a fixed time after ignition of the igniter and switch-on of the magnetic valve. If a gas flame is present the igniter is switched off. If no flame is detected the flame monitoring device is interrogated again after a second time period; if a flame is detected the igniter switched off but if there is till no flame the burner is switched off as faulty.

IPC 1-7

**F24C 3/06**; **F24C 3/12**

IPC 8 full level

**F24C 3/04** (2006.01); **A47J 27/00** (2006.01); **A47J 37/04** (2006.01); **F24C 3/06** (2006.01); **F24C 3/12** (2006.01)

CPC (source: EP)

**F24C 3/067** (2013.01); **F24C 3/126** (2013.01)

Cited by

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**EP 0718562 A2 19960626**; **EP 0718562 A3 19961227**; **EP 0718562 B1 20000223**; DE 4446237 A1 19960627; DE 59507842 D1 20000330; JP H08215039 A 19960827

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