

Title (en)

Arrangement for feeding primary air to an atmospheric gas burner over a glass ceramic cooking plate

Title (de)

Anordnung für die Zuführung von Primärluft zu einem atmosphärischen Gasbrenner über einer Kochplatte aus Glaskeramik

Title (fr)

Dispositif d'arrivée d'air primaire dans un brûleur atmosphérique à gaz au-dessus d'une table de cuisson vitrocéramique

Publication

EP 0727619 A3 19970521 (DE)

Application

EP 95120532 A 19951227

Priority

DE 19505469 A 19950217

Abstract (en)

[origin: US5653219A] A cooking apparatus includes at least one atmospheric gas burner and mutually adjacent first and second component assemblies. A frame holds the first and second component assemblies and the first component assembly includes a continuous glass-ceramic cook plate defining a planar surface and having a breakthrough formed therein for holding the gas burner in the cook plate. The cook plate has a boundary edge facing toward the second component assembly. The cook plate and the second component assembly conjointly define a gap therebetween at the boundary edge sufficiently wide to permit an adequate supply of primary air to pass from the ambient to below the cook plate and to the gas burner. A device is mounted in the gap for guiding the primary air into the gap. The device is attached seal-tight to at least one of the component assemblies and extends above the planar surface to prevent liquid on the planar surface from entering the frame through the gap.

IPC 1-7

F24C 15/10; **F24C 3/08**

IPC 8 full level

F24C 3/04 (2006.01); **F24C 3/02** (2006.01); **F24C 3/08** (2006.01); **F24C 15/10** (2006.01)

CPC (source: EP US)

F24C 3/085 (2013.01 - EP US); **F24C 15/10** (2013.01 - EP US)

Citation (search report)

- [A] US 5046477 A 19910910 - BENNETT JAMES L [US], et al
- [A] GB 2149089 A 19850605 - THORN EMI DOMESTIC APPLIANCES
- [A] DE 4233470 A1 19940407 - BOSCH SIEMENS HAUSGERAETE [DE]
- [PA] EP 0654957 A1 19950524 - LICENTIA GMBH [DE]

Cited by

EP0964203A1

Designated contracting state (EPC)

AT DE ES FR GB NL

DOCDB simple family (publication)

US 5653219 A 19970805; AT E172529 T1 19981115; DE 19505469 C1 19960208; DE 59503987 D1 19981126; EP 0727619 A2 19960821; EP 0727619 A3 19970521; EP 0727619 B1 19981021; ES 2123201 T3 19990101; JP 3605218 B2 20041222; JP H08247463 A 19960927

DOCDB simple family (application)

US 60401196 A 19960220; AT 95120532 T 19951227; DE 19505469 A 19950217; DE 59503987 T 19951227; EP 95120532 A 19951227; ES 95120532 T 19951227; JP 3088896 A 19960219