

Title (en)

Method and device for controlling the size of the flame of a gas cooking apparatus

Title (de)

Verfahren und Vorrichtung zum Steuern der Flammengrösse gasbetriebener Koch- oder Backgeräte

Title (fr)

Procédé et dispositif de commande de la grandeur de la flamme des appareils de cuisson à gaz

Publication

EP 0818655 A3 19980318 (DE)

Application

EP 97110879 A 19970702

Priority

DE 19627539 A 19960709

Abstract (en)

[origin: EP0818655A2] The gas flow (Q) is conveyed to the burner nuzzle (3) via a gas supply pipe (1). The pipe is branched into a number of parallel part gas-pipes, each having a control. The controls are connected on their gas-inlet side to the gas supply pipe, and, on their gas outflow side, to the burner nozzle. Each control has a switch element (11,21,31,41) for the part gas-current (Qk), and a choke element (12,22,32,42). The switch elements can be switched on and off according to the heat output selected.

IPC 1-7

F23N 1/00

IPC 8 full level

F23N 1/00 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] NL 8102571 A 19821216 - NEOM BV
- [AD] DE 4225789 A1 19930211 - VAILLANT JOH GMBH & CO [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 010, no. 365 (M - 542) 6 December 1986 (1986-12-06)
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 280 (M - 347) 21 December 1984 (1984-12-21)

Cited by

WO2013037669A1; DE19949600A1; CN105008804A; CN103403452A; EP0884530A1; EA026975B1; DE19815636A1; DE19815636C2; CN103842725A; AU2011254765B2; EA022579B1; EA022688B1; EP3760929A4; WO0127537A1; WO2012049049A2; US11592185B2; WO2012016823A3; WO2004063629A1; WO2012080051A3; WO2014139844A1; WO2012016822A2; DE102010039010A1; EP0949455A1; WO2011009792A1; WO2011009793A1; WO2011009794A1; WO2012016823A2; DE102010039009A1; WO2011144491A3; WO2011144492A3; EP3044512A1; EP3220046A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 97110879 A 19970702; DE 19627539 A 19960709; DE 59707311 T 19970702; ES 97110879 T 19970702; US 88627597 A 19970701