

Title (en)

BURNER FOR GASEOUS FUEL INCORPORATING IGNITION AND SAFETY SYSTEMS

Publication

EP 0125965 B1 19880629 (FR)

Application

EP 84400831 A 19840425

Priority

FR 8307170 A 19830429

Abstract (en)

[origin: US4518346A] The invention relates to a gas fuel burner with incorporated ignition and safety systems, wherein the burner body defines a central shaft, co-axial to the distribution chamber, situated under the cap and opening at the lower part of the burner to allow admission of secondary air; radial grooves opening at least locally in the distribution chamber are formed in the upper part of the burner body situated under the cap, the ignition electrode and safety element being placed inside the central shaft under the protective cap. The invention finds an application in burners for use in extra-flat cooking apparatus.

IPC 1-7

F23D 14/06; F23D 14/72

IPC 8 full level

F23D 14/06 (2006.01); **F23D 14/72** (2006.01); **F23N 5/10** (2006.01); **F23Q 3/00** (2006.01)

CPC (source: EP US)

F23D 14/065 (2013.01 - EP US); **F23D 14/725** (2013.01 - EP US)

Cited by

CN111271740A; AU685865B2; FR2594213A1; GB2240840A; GB2240840B; FR2618881A2; EP0634608A3; GB2272283A; ES2109119A1; GB2209593A; GB2209593B; EP1067334A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0125965 A1 19841121; EP 0125965 B1 19880629; AT E35451 T1 19880715; CA 1223516 A 19870630; DE 3472444 D1 19880804; ES 287342 U 19860501; ES 287342 Y 19870116; FR 2545196 A1 19841102; FR 2545196 B1 19850816; JP H0137644 B2 19890808; JP S6086316 A 19850515; US 4518346 A 19850521

DOCDB simple family (application)

EP 84400831 A 19840425; AT 84400831 T 19840425; CA 452906 A 19840426; DE 3472444 T 19840425; ES 287342 U 19840427; FR 8307170 A 19830429; JP 8604384 A 19840427; US 60193384 A 19840419