

Title (en)
Gas appliance.

Title (de)
Gasbeheiztes Gerät.

Title (fr)
Appareil à gaz.

Publication
EP 0454613 B1 19950628 (EN)

Application
EP 91500040 A 19910426

Priority
ES 9001218 A 19900427

Abstract (en)
[origin: EP0454613A1] Improvements on instant lighting devices in built-in safety valves used in gas appliances; particularly in house hold appliances with one or more burners. Each of these devices includes a printed circuit (2) equipped with a selector (5) for the feed by means of a trigger (6), to a valve which controls the flow of gas to the burner once an external button (3) is pressed. The burner is lit by means of time delay (10) or flame ionization, and at the same instant an auxiliary current supply to the magnetic group of the valve is produced. This current is timed, and it replaces the electrical current generated by a thermocouple (4) when it is heated by the flame of the burner.

IPC 1-7
F24C 3/10

IPC 8 full level
F23N 5/10 (2006.01); **F23N 5/12** (2006.01); **F23N 5/20** (2006.01); **F24C 3/10** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)
F23N 5/102 (2013.01); **F23N 5/123** (2013.01); **F23N 5/203** (2013.01); **F24C 3/103** (2013.01); **F23N 5/24** (2013.01); **F23N 2227/36** (2020.01); **F23N 2231/02** (2020.01); **F23N 2231/04** (2020.01); **F23N 2235/14** (2020.01); **F23N 2237/02** (2020.01)

Cited by
EP0696709A1; FR2721097A1; FR2761459A1; US11098898B2

Designated contracting state (EPC)
BE DE DK FR GB IT NL

DOCDB simple family (publication)
EP 0454613 A1 19911030; EP 0454613 B1 19950628; DE 69110746 D1 19950803; DE 69110746 T2 19960208; DK 0454613 T3 19951113; ES 2021531 A6 19911101; PT 97506 A 19930531

DOCDB simple family (application)
EP 91500040 A 19910426; DE 69110746 T 19910426; DK 91500040 T 19910426; ES 9001218 A 19900427; PT 9750691 A 19910426