

Title (en)

Gas furnace comprising a "Y" type tap with security system for shutting off the gas supply

Title (de)

Gasofen mit einem Y-Typgashahn und einem Sicherheitssystem zur Brennstoffunterbrechung

Title (fr)

Four à gaz comprenant un robinet à gaz en "Y" avec système de sécurité coupant l'alimentation en gaz

Publication

**EP 1777456 A2 20070425 (EN)**

Application

**EP 06101028 A 20060130**

Priority

TR 200504224 A 20051021

Abstract (en)

This invention has been designed for gas burners working with flame. This tap serves the function of cutting the flow of gas automatically and prevents serious dangers in the event that the flame goes off or the flame is interrupted. The tap operates as vertical movement is transferred into horizontal movement. The System includes a thermo magnetic valve in the "Y" type body for opening and closing. The first movement of the thermo magnetic valve (14) is given with a vertical axle (1) and horizontal movement is given through the pin (8) following it vertically inside the body (7) and the pin (8) following it.

IPC 8 full level

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CPC (source: EP)

**F23N 1/007** (2013.01); **F23N 5/245** (2013.01); **F23N 2235/12** (2020.01)

Citation (applicant)

- PL 363798 A1 20041129 - BURNER SYSTEMS INT BSI [FR]
- DE 19616797 A1 19970731 - IMIT SPA [IT]
- EP 0486796 A1 19920527 - IMIT SPA [IT]
- EP 1045206 A2 20001018 - FAGOR S COOP [ES]
- EP 1500881 A2 20050126 - ITW IND COMPONENTS SRL [IT]

Cited by

CN102588665A; WO2008135839A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1777456 A2 20070425**; **EP 1777456 A3 20080611**; **EP 1777456 B1 20120718**; TR 200504224 A1 20071022

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