

Title (en)

Atmospheric gas burner.

Title (de)

Atmosphärischer Gasbrenner.

Title (fr)

Brûleur atmosphérique à gaz.

Publication

EP 0685684 A3 19960724 (DE)

Application

EP 95105898 A 19950420

Priority

- DE 4419345 A 19940603
- DE 4436021 A 19941008

Abstract (en)

[origin: EP0685684A2] The supply duct is connected to a combustion boiler of the essentially closed type, for installation in a room of a building, and for opening out into the atmosphere. The ducts are in fluid communication of a transition part with controllable shut-off element if the shut-off element is in the open position. The shut-off element is controlled between the open and the closed position depending on the pressure prevailing in the air supply duct. A combustion air injection duct (4) runs between the combustion boiler and the combustion air discharge duct. The combustion air injection duct opens out into the combustion air discharge duct downstream of the place where the transition part opens out into the combustion air supply duct. <IMAGE>

IPC 1-7

F23D 14/10; **F23D 14/64**

IPC 8 full level

F23D 14/10 (2006.01); **F23D 14/64** (2006.01)

CPC (source: EP)

F23D 14/105 (2013.01); **F23D 14/64** (2013.01)

Citation (search report)

- [Y] DE 4237719 A1 19940511 - STIEBEL ELTRON GMBH & CO KG [DE]
- [Y] DE 9319364 U1 19940224 - BUDERUS HEIZTECHNIK GMBH [DE]
- [A] DE 9017295 U1 19910314

Cited by

EP0846916A3; EP2258983A3; EP0907051A1; EP0959300A3; ES2264844A1; ES2300160A1; EP4273450A1

Designated contracting state (EPC)

BE CH DE FR IT LI NL

DOCDB simple family (publication)

EP 0685684 A2 19951206; **EP 0685684 A3 19960724**; DE 4436021 A1 19960411

DOCDB simple family (application)

EP 95105898 A 19950420; DE 4436021 A 19941008