

Title (en)

A gas burner of the atmospheric type for water heating appliances, particularly heaters of the so-called instant type.

Title (de)

Atmosphärischer Gasbrenner für Wassererhitzer, insbesondere Durchlauferhitzer.

Title (fr)

Brûleur atmosphérique à gaz pour appareils de chauffage d'eau, en particulier dispositifs de chauffage instantanés.

Publication

EP 0565145 A2 19931013 (EN)

Application

EP 93200492 A 19930220

Priority

IT MI920521 A 19920306

Abstract (en)

A gas burner (1) of the atmospheric type for water heaters comprises a plurality of flame diffusers (2) arranged at a common level in parallel flame rows and in fluid communication with at least one header conduit (6,7) provided at the top with plural flame passageways (8) extending through a top wall (6a,7a) thereof and being substantially coplanar with the diffusers (2). The burner (1) allows of correct mutual ignition of the flames upon starting and has advantageous simple construction features. <IMAGE>

IPC 1-7

F23D 14/04; **F23D 14/10**

IPC 8 full level

F23D 14/04 (2006.01); **F23D 14/10** (2006.01)

CPC (source: EP KR)

F23D 14/045 (2013.01 - EP); **F23D 14/105** (2013.01 - EP); **F23D 14/64** (2013.01 - KR); **F23D 14/70** (2013.01 - KR); **F23D 2203/007** (2013.01 - KR); **F24H 9/1836** (2013.01 - KR)

Cited by

EP2484974A3; AT402099B; WO2004111536A1

Designated contracting state (EPC)

ES FR GB IT

DOCDB simple family (publication)

EP 0565145 A2 19931013; **EP 0565145 A3 19931020**; **EP 0565145 B1 19961023**; ES 2095556 T3 19970216; IT 1254668 B 19950928; IT MI920521 A0 19920306; IT MI920521 A1 19930906; KR 930020080 A 19931019

DOCDB simple family (application)

EP 93200492 A 19930220; ES 93200492 T 19930220; IT MI920521 A 19920306; KR 930003357 A 19930305