

Title (en)
High heat release burner

Title (de)
Brenner mit hoher Wärmeabgabe

Title (fr)
Brûleur à haute émission de chaleur

Publication
EP 0849526 B1 20020508 (EN)

Application
EP 97121553 A 19971208

Priority
IT MO960168 A 19961220

Abstract (en)
[origin: EP0849526A2] A high heat release burner (1) having a combustion chamber (2) which is connected to a gaseous-fuel intake (4) and to a combustant intake (5) and inside which there is provided an ignition plug (6). The combustion chamber (2) is internally provided with longitudinally adjustable supporting means (14) for a tubular stem (15) which constitutes a duct for feeding the gaseous fuel and is provided with the ignition plug (6) at its end, the movement of the stem (15) and therefore of the ignition in the chamber (2) varying the outlet speed of the combustion products, the increase of the volume between the ignition and the chamber outlet increasing the speed of the products. <IMAGE>

IPC 1-7
F23C 5/06; **F23D 14/20**

IPC 8 full level
F23C 3/00 (2006.01); **F23C 5/06** (2006.01); **F23D 14/24** (2006.01)

CPC (source: EP)
F23C 3/00 (2013.01); **F23C 5/06** (2013.01); **F23D 14/24** (2013.01); **F23C 2900/03005** (2013.01)

Cited by
EP1016822A1; CN102721060A; EP3336428A1

Designated contracting state (EPC)
DE ES FR GB IT PT

DOCDB simple family (publication)
EP 0849526 A2 19980624; **EP 0849526 A3 19990707**; **EP 0849526 B1 20020508**; BR 9706432 A 19990413; CN 1185562 A 19980624; DE 69712452 D1 20020613; DE 69712452 T2 20020829; ES 2174170 T3 20021101; ID 19251 A 19980628; IT 1287521 B1 19980806; IT MO960168 A0 19961220; IT MO960168 A1 19980620; PT 849526 E 20021031

DOCDB simple family (application)
EP 97121553 A 19971208; BR 9706432 A 19971219; CN 97126099 A 19971222; DE 69712452 T 19971208; ES 97121553 T 19971208; ID 973920 A 19971218; IT MO960168 A 19961220; PT 97121553 T 19971208