

Title (en)
Combustion head, in particular for gas burners

Title (de)
Brennerkopf insbesondere für Gasbrenner

Title (fr)
Tête de combustion notamment pour brûleurs à gaz

Publication
EP 0754909 A1 19970122 (EN)

Application
EP 95830315 A 19950721

Priority
EP 95830315 A 19950721

Abstract (en)
It is described a combustion head consisting of a plurality of balls (10) of ceramic material joined to each other at points of mutual tangency to substantially form a filter bed. On passing through the ceramic head, the combustible gas-combustion air mixture is shared out among a multiplicity of hollow spaces (11) following each other to form a tortuous path, in order to ensure an optimal mixing. At the combustion head exit the gas-air mixture fires forming a flame front extending over the whole external surface (1a) of the combustion head. <IMAGE>

IPC 1-7
F23D 14/02; **F23D 14/46**

IPC 8 full level
F23D 14/02 (2006.01); **F23D 14/46** (2006.01)

CPC (source: EP)
F23D 14/02 (2013.01); **F23D 14/46** (2013.01)

Citation (search report)

- [XY] GB 2259566 A 19930317 - NUOVO PIGNONE SPA [IT]
- [Y] EP 0542074 A2 19930519 - LUEDI ROGER [CH]
- [Y] GB 2155613 A 19850925 - ALLDAY & CO LTD WILLIAM
- [Y] CH 452464 A 19680531 - BULLFINCH GAS EQUIP [GB], et al
- [A] DE 2036510 A1 19710218
- [X] US 3322179 A 19670530 - GOODELL PAUL H
- [X] PATENT ABSTRACTS OF JAPAN vol. 12, no. 137 (M - 690) 26 April 1988 (1988-04-26)
- [X] PATENT ABSTRACTS OF JAPAN vol. 13, no. 365 (M - 859) 15 August 1989 (1989-08-15)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0754909 A1 19970122; **EP 0754909 B1 20000202**; AT E189512 T1 20000215; DE 69514916 D1 20000309; DE 69514916 T2 20000629; ES 2143028 T3 20000501

DOCDB simple family (application)
EP 95830315 A 19950721; AT 95830315 T 19950721; DE 69514916 T 19950721; ES 95830315 T 19950721