

Title (en)
COMBUSTION CHAMBER

Publication
EP 0180098 A3 19880323 (DE)

Application
EP 85113163 A 19851017

Priority
DE 3438611 A 19841020

Abstract (en)
[origin: EP0180098A2] Combustion chamber, in particular for use in association with high- speed burners, with a housing (2) delimiting an axial tunnel (3) and with an insert (4) which is held in the housing, designed as a hollow body, includes a nozzle opening (5) which adjoins the tunnel and is coaxial with the housing axis (11), and is delimited by end faces (6, 7) which are perpendicular to the housing axis. For reliable fixing of the insert (4) in the housing seat and for simplifying replacement of the insert, the latter (4) is aligned on a longitudinal axis (14) which runs at an angle to the two end faces (6, 7) and is inclined at an acute angle (α) to the housing axis (11). <IMAGE>

IPC 1-7
F23C 3/00

IPC 8 full level
F23C 3/00 (2006.01); **F23D 14/12** (2006.01); **F23D 14/22** (2006.01); **F23M 5/00** (2006.01); **F23R 3/42** (2006.01)

CPC (source: EP)
F23C 3/00 (2013.01)

Citation (search report)

- [AD] GB 2069683 A 19810826 - SOUTHWIRE CO
- [AD] US 3320999 A 19670523 - STALEGO CHARLES J
- [A] US 2554486 A 19510529 - AUSTIN CHESTER R
- [A] GB 1327490 A 19730822 - METALLURG HOBOKENOVERPELT

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0180098 A2 19860507; **EP 0180098 A3 19880323**; **EP 0180098 B1 19901212**; DE 3438611 A1 19860424; DE 3438611 C2 19870820; DE 3580896 D1 19910124; JP H0335567 B2 19910528; JP S61180817 A 19860813

DOCDB simple family (application)
EP 85113163 A 19851017; DE 3438611 A 19841020; DE 3580896 T 19851017; JP 23235185 A 19851019