

Title (en)  
BURNER

Publication  
**EP 0471956 A3 19920826 (DE)**

Application  
**EP 91110983 A 19910703**

Priority  
DE 4026605 A 19900823

Abstract (en)  
[origin: EP0471956A2] The burner has a combustion chamber (3), which is arranged in a burner pipe (1), namely the heat-transferring wall of a recuperator. A fuel lance (6) protrudes into the combustion chamber (3). This said fuel lance bears a flame retention baffle (7). The upstream-facing side of the flame retention baffle (7) supports three setbolts (15), which are inserted through the side wall of the combustion chamber (3). A supporting element (12) presses with elastic force against the upstream-facing end of the combustion chamber (3). The combustion chamber (3) is surrounded by an air duct (2), which forms a positional securing means for the setbolts (15) and at the same time a centering means for the combustion chamber (3). The combustion chamber (3) can be assembled and disassembled together with the fuel lance (6). <IMAGE>

IPC 1-7  
**F23D 14/22**; **F23D 14/74**

IPC 8 full level  
**F23D 14/22** (2006.01); **F23D 14/74** (2006.01)

CPC (source: EP)  
**F23D 14/22** (2013.01); **F23D 14/74** (2013.01)

Citation (search report)  
• [A] EP 0296032 A1 19881221 - GAZ DE FRANCE [FR]  
• [AD] DE 3422229 C2 19860605  
• [A] EP 0363834 A1 19900418 - RUHRGAS AG [DE]  
• [A] US 4705022 A 19871110 - COLLIER DAVID W [US]

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**EP 0471956 A2 19920226**; **EP 0471956 A3 19920826**; **EP 0471956 B1 19930922**; AT E94971 T1 19931015; DE 4026605 A1 19920227; DE 59100407 D1 19931028

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