

Title (en)
BURNER

Publication
EP 0471956 B1 19930922 (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)

Cited by
EP0646751A1; WO9510008A1; EP0561203B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0471956 A2 19920226; **EP 0471956 A3 19920826**; **EP 0471956 B1 19930922**; AT E94971 T1 19931015; DE 4026605 A1 19920227; DE 59100407 D1 19931028

DOCDB simple family (application)
EP 91110983 A 19910703; AT 91110983 T 19910703; DE 4026605 A 19900823; DE 59100407 T 19910703