

Title (en)  
FLAME HOLDER FOR RADIANT BURNER

Publication  
**EP 0542074 A3 19930804 (DE)**

Application  
**EP 92118706 A 19921102**

Priority  
DE 4136918 A 19911111

Abstract (en)  
[origin: EP0542074A2] A flame holder for radiant burner, in particular for gaseous fuels has a dimensionally stable gas-permeable body (10) made of refractory material, through which the fuel/air mixture flows and in the outlet-side surface layer of which it combusts. In order to prevent a blowback of the flame onto the inlet side of the fuel/air mixture, there is arranged in front of the entrance surface of the body (10) a layer of a small-grained refractory bulk material (16) which is flowed through by the fuel/air mixture.

IPC 1-7  
**F23D 14/16**; F23D 14/46; F23D 14/82

IPC 8 full level  
**F23D 14/16** (2006.01); **F23D 14/46** (2006.01); **F23D 14/82** (2006.01)

CPC (source: EP)  
**F23D 14/16** (2013.01); **F23D 14/46** (2013.01); **F23D 14/82** (2013.01); **F23D 2900/14582** (2013.01)

Citation (search report)

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