

Title (en)  
FAN-TYPE BURNER

Publication  
**EP 0094068 A3 19860305 (DE)**

Application  
**EP 83104517 A 19830507**

Priority  
DE 3218281 A 19820512

Abstract (en)  
[origin: EP0094068A2] The burner has a flame tube which is mounted in a housing and at the front end of which there is arranged a supply device for a fuel/air mixture and at the opposite end of which a waste gas outlet opening is provided, and has a blower, the pressure joint of which is connected to the annular space between flame tube and housing. To solve the problem of achieving even better combustion values in relation to a reduction of the CO and NOX content, without allowing the degree of efficiency of the combustion to decrease, the invention consists in that the housing projects beyond the flame tube on the front, mouth-bearing end of the latter and is provided with an acute-angled taper which reaches into the free mouth of the flame tube, overlapping the annular space in the radial direction. <IMAGE>

IPC 1-7  
**F23D 11/40**

IPC 8 full level  
**F23C 3/00** (2006.01); **F23C 7/02** (2006.01); **F23D 11/40** (2006.01)

CPC (source: EP)  
**F23C 3/00** (2013.01); **F23C 7/02** (2013.01); **F23D 11/404** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
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