

Title (en)  
BURNER PRODUCING HOT GAS

Publication  
**EP 0092768 B1 19860528 (DE)**

Application  
**EP 83103764 A 19830419**

Priority  
• DE 3215613 A 19820427  
• DE 3226615 A 19820716

Abstract (en)  
[origin: EP0092768A1] 1. A burner for producing a hot gas flow, in particular for shrinking film of plastics material, having a combustion chamber (3) and a flame retention baffle (6) arranged upstream of the combustion chamber (3) for the throughflow of the combustion gases which are supplied to the flame retention baffle (6) from a pressure-distribution chamber (7), and an outlet (2) which is arranged downstream of the burner (3) and which forms with the combustion chamber (3) a flow duct with equal cross-sections which are constant in the direction of flow, characterized in that the pressure-distribution chamber (7) has a fan-shaped outline and on the short side opposite the flame retention baffle (6) it is joined to a mixture supply pipe (8) and on its wide side it is joined to the combustion chamber (3) which has an elongate rectangular outline.

IPC 1-7  
**F23D 14/00**; **F23D 14/58**

IPC 8 full level  
**F23D 14/00** (2006.01); **F23D 14/58** (2006.01); **F23D 14/74** (2006.01); **F23D 99/00** (2010.01)

CPC (source: EP)  
**F23D 14/583** (2013.01); **F23D 14/74** (2013.01); **F23D 91/02** (2015.07)

Citation (examination)  
DE 2645263 A1 19780413 - WARDT VOLKER

Cited by  
CN103994438A; EP0270424A1; FR2606491A1

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

DOCDB simple family (publication)  
**EP 0092768 A1 19831102**; **EP 0092768 B1 19860528**; DE 3363723 D1 19860703

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