

Title (en)  
GAS BURNER

Title (de)  
GASBRENNER

Title (fr)  
BRULEUR A GAZ

Publication  
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Application  
**EP 98933432 A 19980502**

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Abstract (en)  
[origin: DE19718885A1] The invention relates to a gas burner with a housing (22) comprising a combustion chamber having an inlet for a gas or a gas-air mixture and an outlet for the exhaust gas. At least one combustion body (14) made of porous material is arranged inside said combustion chamber, wherein the gas-air mixture is burned. The combustion body is subdivided into at least two partial combustion bodies (14.1, 14.2), wherein a cooling device is allocated to the combustion body. Higher output yield and lower toxic substance emission can be achieved by means of combustion body which forms a partial combustion body (14.2) on the side facing the cooling device at least in the area where the heat arises. Said side of the combustion body has a lower flow resistance than that of the partial combustion body (14.1) facing away from the cooling device.

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