

Title (en)  
Gasburner

Title (de)  
Gasbrenner

Title (fr)  
Brûleur à gaz

Publication  
**EP 0554511 B1 19960410 (DE)**

Application  
**EP 92115875 A 19920917**

Priority  
DE 4203668 A 19920208

Abstract (en)  
[origin: EP0554511A1] In a gas burner (1), in particular an atmospheric gas burner with primary-air premixing, with a burner ring (5) having gas outlet ducts (8) and with a burner cover (6) designed if appropriate in one piece with the ring, a solution is to be produced, with which, in particular in atmospheric burners, the NO<sub>x</sub> content in the waste gas as well as the content of CO is considerably reduced, and in particular over a great range of adjustment between low setting and high setting of the burner. This is achieved by the central axis (9) of the gas outlet ducts (8) having an angle deviating from 0 DEG to a radius (10) assigned to the respective outlet opening (8a). <IMAGE>

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IPC 8 full level  
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CPC (source: EP US)  
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**F23D 2900/00003** (2013.01 - EP US)

Cited by  
EP0789190A3; EP2258981A3; US6146132A; US6092518A; CN103292328A; WO03044428A1; US8747108B2; EP0859191A2;  
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HU T67774 A 19950428; JP H06506764 A 19940728; PL 300706 A1 19940307; SK 107693 A3 19940309; TR 26749 A 19950515;  
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