

Title (en)  
METHOD AND NOZZLE FOR FEEDING SECONDARY AIR

Publication  
**EP 0496094 A3 19921223 (DE)**

Application  
**EP 91122012 A 19911220**

Priority  
DE 4102072 A 19910124

Abstract (en)  
[origin: US5174226A] The secondary air jets (11) that are arranged within the combustion space (5) consist of an outer casing (12), an inner casing (13), and a flange (14) that connects the two casings to each other, the flange (14) crossing the inner casing (13) and being rigidly connected with this, whereas the outer casing (12) is so connected to the flange that is of greater diameter than the outer casing (12) that slot-type jets (15) are left between the face side of the outer casing (12) and the flange (14), these jets making it possible to expel air parallel to the defining wall and essentially perpendicular to the axis of the jets.

IPC 1-7  
**F23L 9/02**

IPC 8 full level  
**F23L 9/00** (2006.01); **F23J 9/00** (2006.01); **F23L 9/02** (2006.01)

CPC (source: EP US)  
**F23L 9/02** (2013.01 - EP US)

Citation (search report)

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- [X] DE 3038875 A1 19820603 - VER KESSELWERKE AG [DE]
- [X] EP 0126920 A1 19841205 - KOCH THEODOR
- [A] FR 2645625 A1 19901012 - OTV D [FR], et al

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0496094 A2 19920729; EP 0496094 A3 19921223; EP 0496094 B1 19960221**; AT E134433 T1 19960315; BR 9200194 A 19921006; CA 2058865 C 19950926; DE 4102072 A1 19920730; DE 4102072 C2 19930204; DE 59107430 D1 19960328; DK 0496094 T3 19960708; ES 2082916 T3 19960401; JP H055517 A 19930114; JP H0648086 B2 19940622; TW 200558 B 19930221; US 5174226 A 19921229

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