

Title (en)  
Catalytic burner

Title (de)  
Katalytisch arbeitender Brenner

Title (fr)  
Brûleur catalytique

Publication  
**EP 1251314 A3 20031001 (DE)**

Application  
**EP 02405294 A 20020412**

Priority  
DE 10119035 A 20010418

Abstract (en)  
[origin: EP1251314A2] The burner has a catalytic structure (4) forming the walls of several adjacent channels (13) through the structure. Parts of the walls are coated with a catalyst. There are connecting apertures (14) between the inlet end and outlet end of the catalytic structure. Adjacent channels are linked through these apertures.

IPC 1-7  
**F23R 3/40**; **F23C 11/00**

IPC 8 full level  
**B01J 35/04** (2006.01); **F23C 13/00** (2006.01); **F23D 14/18** (2006.01); **F23R 3/40** (2006.01)

CPC (source: EP US)  
**F23C 13/00** (2013.01 - EP US); **F23R 3/40** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1251314 A2 20021023**; **EP 1251314 A3 20031001**; CA 2381677 A1 20021018; DE 10119035 A1 20021024; JP 2003028426 A 20030129; NO 20021769 D0 20020415; NO 20021769 L 20021021; US 2002155403 A1 20021024; US 6887067 B2 20050503

DOCDB simple family (application)  
**EP 02405294 A 20020412**; CA 2381677 A 20020415; DE 10119035 A 20010418; JP 2002115017 A 20020417; NO 20021769 A 20020415; US 84383601 A 20010430