

Title (en)  
Gas generator for combustion

Title (de)  
Brenngasgenerator

Title (fr)  
Générateur de gaz combustible

Publication  
**EP 0404881 B1 19960228 (DE)**

Application  
**EP 89911757 A 19891101**

Priority  
• CH 8900190 W 19891101  
• CH 407688 A 19881102

Abstract (en)  
[origin: WO9005273A1] In a firing and drying furnace with fuel gas generators for ceramic mouldings and green bricks, a firing and drying furnace in the form of a tunnel is provided to heat them while facilitating economical gas generation and, in order for the exhaust gases from combustion to meet the statutory purity standards, a secondary air feed pipe is inserted in each feed line (5) carrying producer-gas freed of all residues produced in a gas generator to exhaust gas burners. The suitable producer-gas is fed manually or mechanically with the aid of sensors which respond to the change in the furnace temperature and adjust the quantity of producer-gas supplied. The producer-gas is preferably fed in at low pressure in a regulating region with waste gas burners (3, 4) and controlled by the furnace temperature as described above.

IPC 1-7  
**C10J 3/00**; **C10J 3/40**

IPC 8 full level  
**F27B 9/36** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP)  
**F27B 9/36** (2013.01); **F27D 99/0005** (2013.01)

Cited by  
DE19916931C2

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

DOCDB simple family (publication)  
**WO 9005273 A1 19900517**; AT E134697 T1 19960315; CH 678973 A5 19911129; DE 58909612 D1 19960404; EP 0404881 A1 19910102; EP 0404881 B1 19960228

DOCDB simple family (application)  
**CH 8900190 W 19891101**; AT 89911757 T 19891101; CH 407688 A 19881102; DE 58909612 T 19891101; EP 89911757 A 19891101