

Title (en)  
Method and premixed combustion system

Title (de)  
Verfahren und Vormischverbrennungssystem

Title (fr)  
Procédé et système de combustion à prémélange

Publication  
**EP 1614967 A1 20060111 (DE)**

Application  
**EP 04016246 A 20040709**

Priority  
EP 04016246 A 20040709

Abstract (en)  
The method for burning fuels (S1) with low calorific value, especially synthesis gas, for driving gas turbines comprises premixing the fuel with air (L1) while minimizing conversion. The mixture is then burnt to generate hot gas (H). Independent claims are included for: (A) a premixing combustion system for use in the method; and (B) gas turbines fitted with the system.

IPC 8 full level  
**F23R 3/36** (2006.01); **F23R 3/28** (2006.01); **F23R 3/34** (2006.01)

CPC (source: EP)  
**F23R 3/286** (2013.01); **F23R 3/343** (2013.01); **F23R 3/36** (2013.01)

Citation (search report)

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