

Title (en)

Catalytic method.

Title (de)

Katalytisches Verfahren.

Title (fr)

Procédé catalytique.

Publication

**EP 0668471 A2 19950823 (EN)**

Application

**EP 94115017 A 19940923**

Priority

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- US 19793194 A 19940217

Abstract (en)

The method of combusting lean fuel-air mixtures comprising the steps of: a. obtaining a gaseous admixture of fuel and air, said admixture having an adiabatic flame temperature below a temperature which would result in any substantial formation of nitrogen oxides but above about 800 DEG Kelvin; b. contacting at least a portion of said admixture with a catalytic surface (31) and producing reaction products; and c. passing said reaction products to a thermal reaction chamber (33), thereby igniting and stabilizing combustion in said thermal reaction chamber.

IPC 1-7

**F23C 11/00**; F23C 9/00; F01N 3/26; F01N 3/28

IPC 8 full level

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