

Title (en)

Fuel admixture for a catalytic combustor.

Title (de)

Brennstoffmischung für einen katalytischen Brenner.

Title (fr)

Mélange combustible pour un brûleur catalytique.

Publication

**EP 0072676 A2 19830223 (EN)**

Application

**EP 82304275 A 19820812**

Priority

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- US 29487181 A 19810821

Abstract (en)

A fuel admixture for use in a catalytic combustor steam generating plant comprises a non-combustible diluent, e.g. water or carbon dioxide, mixed with carbonaceous fuel in a thermally self-extinguishing mass ratio. In the case of a liquid-liquid mixture, the mixture may be emulsified and may include stabilizers. The mixture preferably has an adiabatic flame temperature below the upper temperature stability limit of the catalyst and above the light-off temperature of the catalyst.

IPC 1-7

**C10L 1/32**; **C10L 3/00**

IPC 8 full level

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CPC (source: EP)

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