

Title (en)

BURNERLESS AUTOTHERMAL REFORMER MIXER

Title (de)

MISCHVORRICHTUNG FÜR BRENNERLOSEN, AUTOTHERMEN REFORMER

Title (fr)

MELANGEUR DE REFORMEUR AUTOTHERMIQUE SANS BRULEUR

Publication

EP 1835988 A2 20070926 (EN)

Application

EP 05853797 A 20051212

Priority

- US 2005044968 W 20051212
- US 63579204 P 20041214

Abstract (en)

[origin: WO2006065766A2] A mixing device for mixing a light hydrocarbon feed, a steam feed, and an oxygen-containing gas stream to form a feed mixture is disclosed. The autoignition of the feed mixture is prevented prior to conversion of the feed mixture to synthesis gas by subsequent contact with an active partial oxidation / reforming catalyst.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2006065766A2

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