

Title (en)  
METHODS AND APPARATUS FOR PRODUCING SYNGAS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON SYNGAS

Title (fr)  
PROCÉDÉS ET APPAREIL POUR PRODUIRE UN GAZ DE SYNTHÈSE

Publication  
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Application  
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- US 94866007 P 20070709
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- US 16619408 A 20080701

Abstract (en)  
[origin: WO2009009388A2] This invention features methods and apparatus for producing syngas from any carbon-containing feed material. In some embodiments, a substoichiometric amount of oxygen is used to enhance the formation of syngas. In various embodiments, both oxygen and steam are added during the conversion of the feed material into syngas. The syngas can be converted to alcohols, such as ethanol, or to other products.

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C-Set (source: EP)

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9. **C07C 29/32 + C07C 31/10**
10. **C07C 29/32 + C07C 31/12**

Citation (search report)

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- [A] WO 2007012149 A1 20070201 - ANGELOV CHAVDAR [BG]
- [A] WO 2007068684 A2 20070621 - SHELL INT RESEARCH [NL], et al
- See references of WO 2009009388A2

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