-Alkane Mechanisms

17 December 2012

Initiation:

Fice radical substitution.

Propagation:

$$C_{2}H_{5} + C_{2}H_{6} \longrightarrow C_{2}H_{5}C_{1} + CC$$

Termination:

Combustion

Alkanes burn in excess oxygen to produce CQ2 and HO

When burned in plenty of oxygen, (Banker)

When burned in a limited.

freeradical

- Alkanes burn in excess oxygen to produce CC2 and Hr O
 When burned in plenty of oxygen, as no become clean fuels
 When burned in a limit at so fly be eyen, they under so in a puret consustion monoxide, CO
 Incomplete a imbustion can be occur in poorly ventilated areas and in car engines

1 hamplete

CH4 (4) + 1½ □2(4) → (D (3) + 240(3)