

Title (en)

CONVERSION OF SYNTHESIS GAS TO LOWER OLEFINS USING MODIFIED MOLECULAR SIEVES

Title (de)

SYNTHESEGASUMWANDLUNG ZU LEICHTOLEFINEN MIT VERWENDUNG VON MODIFIZIERTEN MOLEKULARSIEBEN

Title (fr)

CONVERSION D'UN GAZ DE SYNTHÈSE EN OLEFINES DE FAIBLE POIDS MOLECULAIRE A L'AIDE DE TAMIS MOLECULAIRES MODIFIES

Publication

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Application

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Abstract (en)

[origin: WO9857743A2] The present invention provides a method for incorporating one or more Fischer Tropsch catalysts into molecular sieves comprising contacting untreated molecular sieves with a catalyst precursor in an inert atmosphere under first conditions effective to form complexes comprising said catalyst precursor and said molecular sieves; and, exposing said complexes to an inert atmosphere and to second conditions effective to dissociate volatile components from said catalyst precursor and to evaporate solvent from said complexes, forming modified molecular sieves comprising a catalytically effective amount of a catalyst selected from the group consisting of iron, cobalt, nickel, chromium, manganese, and rhodium.

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