

Title (en)

FISCHER-TROPSCH PROCESSES USING XEROGEL AND AEROGEL CATALYSTS BY DESTABILIZING AQUEOUS COLLOIDS

Title (de)

VERWENDUNG VON XEROGEL- UND AEROGEL-KATALYSATOREN IM FISCHER-TROPSCH-VERFAHREN DURCH DESTABILISIERUNG WÄSSRIGER KOLLOIDE

Title (fr)

PROCEDES FISCHER-TROPSCH UTILISANT DES CATALYSEURS A BASE DE XEROGEL OU D'AEROGEL FORMES PAR LA DESTABILISATION DE COLLOIDES AQUEUX

Publication

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Application

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Abstract (en)

[origin: WO0010698A2] This invention provides a process for producing hydrocarbons. The process involves contacting a feed stream comprising hydrogen and carbon monoxide with a catalyst in a reaction zone maintained at conversion-promoting conditions effective to produce an effluent stream comprising hydrocarbons, and uses a catalyst including (a) at least one catalytic metal for Fischer-Tropsch reactions (e.g., iron, cobalt, nickel and/or ruthenium) and (b) a non-layered mesoporous support which exhibits an X-ray diffraction after calcination that has at least one peak at a d-spacing of greater than 18 Ångström units.

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