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(54) Title: PROCESS FOR PRODUCING HYDROCARBONS FROM A SYNTHESIS GAS, AND CATALYSTS THEREFOR

(57) Abstract

A method of treating a catalyst support comprises introducing onto and/or into an untreated catalyst support which is partially soluble in an aqueous acid solution and/or a neutral aqueous solution, Si, Zr, Cu, Zn, Mn, Ba, Co, Ni and/or La as a modifying component. The modifying component is capable, when present in and/or on the catalyst support, of suppressing the solubility of the catalyst support in the aqueous acid solution and/or the neutral aqueous solution. A protected modified catalyst support which is less soluble or more inert in the aqueous acid solution and/or the neutral aqueous solution, than the untreated catalyst support, is thus formed. A method of forming a catalyst from the modified catalyst support is also provided.