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(54) **CATALYST FOR REFORMING HYDROCARBONS**

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See application file for complete search history.

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(57) **ABSTRACT**

Provided is a catalyst for preparing a syngas by reforming methane wherein a nickel-based catalyst is mixed with a metal oxide catalyst. More particularly, alumina is used as a support and a metal oxide catalyst including magnesia, nickel, vanadium, tungsten, iron, molybdenum or chromium is used to inhibit carbon deposition and maintain or improve catalytic activity.

7 Claims, 2 Drawing Sheets

