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(54) Title: AN IMPROVED NOBLE METAL-CONTAINING CATALYST CONTAINING A SPECIFIC RATIO OF SILICA TO ALUMINUM IN THE FRAMEWORK

(57) Abstract: An improved noble metal-containing catalyst containing a specific ratio of silica to aluminum in the framework suitable for use in the hydroprocessing of hydrocarbonaceous feeds, which is directed at a catalyst comprising a hydrogenation-dehydrogenation component selected from the Group VIII noble metals and mixtures thereof on a mesoporous support having aluminum incorporated into its framework and an average pore diameter of 15 to less than 40Å.



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