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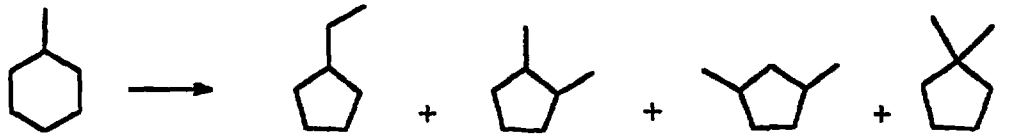

(57) Abstract

A method for hydroisomerizing a waxy feed to favor one of VI or yield is described. The method uses a unitized pellet powder catalyst comprising a metal hydrogeneration component, a first catalytic component selected from 8, 10 and 12 ring molecular sieves and mixtures thereof, and a second amorphous isomerization component which is an amorphous inorganic oxide. Importantly, the ratio of feed and second components are present in a predetermined ratio to provide a preselected acidity favoring one of VI or yield resulting from the hydroisomerization.