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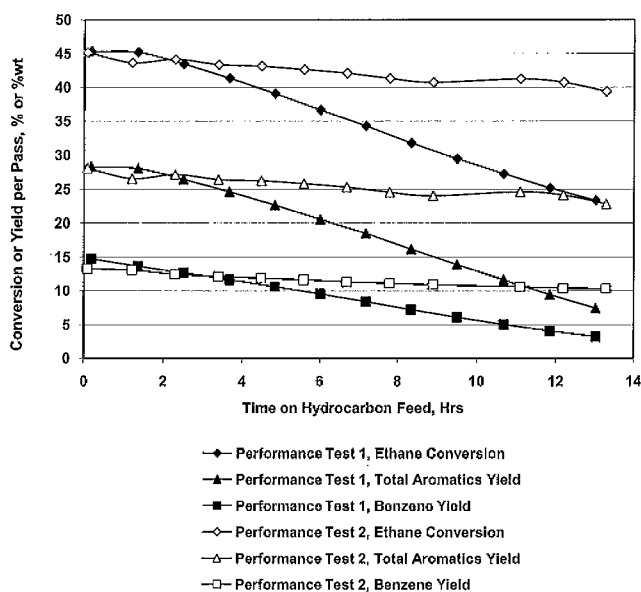
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(54) Title: PROCESS FOR THE REGENERATION OF HYDROCARBON CONVERSION CATALYSTS

Figure 1



(57) Abstract: The present invention provides a process for hydrocarbon conversion, especially for producing aromatic hydrocarbons, which comprises: (a) alternately contacting a hydrocarbon feed, especially a lower alkane feed, with a hydrocarbon conversion catalyst, especially an aromatization catalyst, under hydrocarbon conversion, especially aromatization reaction conditions, in a reactor for a short period of time, preferably 30 minutes or less, to produce reaction products and then contacting the catalyst with hydrogen-containing gas at elevated temperature for a short period of time, preferably 10 minutes or less, (b) repeating the cycle of step (a) at least one time, (c) regenerating the catalyst by contacting it with an oxygen-containing gas at elevated temperature and (d) repeating steps (a) through (c) at least one time.



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