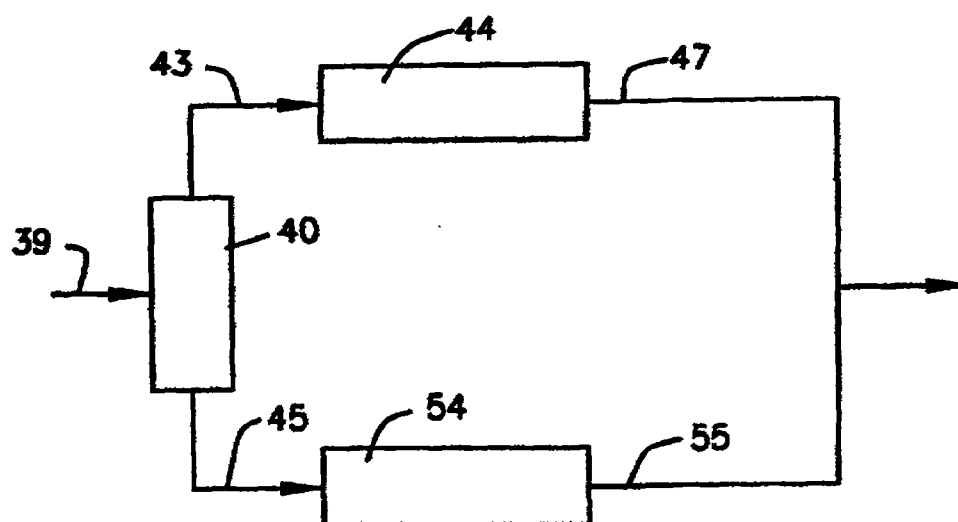


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(54) Title: SUPPORTED NI-CU HYDROCONVERSION CATALYST



(57) Abstract

Nickel-copper catalysts supported on an acidic carrier, preferably containing a binder, are used to hydroisomerize paraffins, particularly Fischer-Tropsch paraffins, boiling at 350 °F+ into lighter, more valuable products. The hydroisomerization process involves introducing the paraffin-containing feed (39) into a fractionator (40) where it is separated into a 350 °F- lighter fraction and a 350 °F+ heavier fraction. The lighter fraction is hydrotreated in hydrotreater (44) and the heavier fraction is hydroisomerized using the nickel-copper catalysts in reactor (54), whereafter the effluents from hydrotreater (44) and reactor (54) are combined to produce a product stream.