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"SELECTIVE BIFUNCTIONAL MULTIMETALLIC
HYDROCARBON CONVERSION
CATALYTIC COMPOSITE AND PROCESS FOR THE USE THEREOF"

ABSTRACT

A novel catalyst and the use thereof in a hydrocarbon conversion process is disclosed. The catalyst comprises a refractory inorganic oxide, platinum-group metal, Group IVA(IUPAC 14) metal, and europium in a specified ratio. Utilization of this catalyst in the conversion of hydrocarbons, especially in reforming, results in significantly improved selectivity to the desired gasoline or aromatics product.