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(54) Title: HIGH-ACTIVITY ISOMERIZATION CATALYST AND PROCESSES FOR ITS PREPARATION AND USE

(57) Abstract: A catalyst and process is disclosed to selectively upgrade a paraffinic feedstock to obtain an isoparaffin-rich product for blending into gasoline. The catalyst comprises a support of a sulfated oxide or hydroxide of a Group IVB (IUPAC 4) metal, a first component of at least one lanthanide element or yttrium component, which is preferably yttrium, and at least one platinum-group metal component which is preferably platinum.



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