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(54) Title: EXTREMELY LOW ACIDITY USY AND HOMOGENEOUS, AMORPHOUS SILICA-ALUMINA HYDROCRACK-
ING CATALYST AND PROCESS

(57) Abstract: A catalyst composition comprising a minor amount of a low acidity, highly dealuminated ultra stable Y zeolite hav-
ing an Alpha value of less than about 5, preferable less than about 3 and Broensted acidity measured by FT-IR from about 1 to about
20, preferably from about 1-10, micro mole/g of, a homogeneous, amorphous silica-alumina cracking component having an SB ratio
of from about 0.7 to about 1.3, wherein a crystalline alumina phase is present in an amount of no greater than about 10%, preferably
no greater than 5% and a catalytic amount of hydrogenation component selected from the group consisting of a Group VI metal,
a Group VIII metal, and mixtures thereof is disclosed. The present invention provides for a process for converting hydrocarbon-
aceous oils comprising contacting the hydrocarbonaceous oils with the catalyst under suitable hydrocarbon conversion conditions.
Such processes include, but are not limited to, single stage hydrocracking, two-stage hydrocracking, series-flow hydrocracking,
mild hydrocracking, lube hydrocracking, hydrotreating, lube hydrofinishing, hydrodesulphurization, hydrode nitrification, catalytic
dewaxing and catalytic cracking.

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