

A B S T R A C T

PROCESS FOR UPGRADING A PARAFFINIC FEEDSTOCK

Process for upgrading a paraffinic feedstock comprising contacting feedstock and olefin at a paraffin to olefin ratio greater than 5 v/v with a solid acid catalyst wherein the process is carried out under hydrogenating conditions preferably as part of cyclic process for catalytically upgrading a paraffinic feedstock and upgrading the activity of deactivated catalyst. Process is especially suited for alkylation of a paraffinic feedstock by the condensation of paraffins with olefins.