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(54) Title: METHOD FOR OPTIMIZING CATALYST LOADING FOR HYDROCRACKING PROCESS

(57) Abstract: The invention relates to a method for optimizing layered catalytic processes. This is accomplished by testing various catalysts with a compound found in a feedstock to be tested, to determine the facility of the catalyst in hydro genating, hydrosulfurizing, or hydrodenitrogenating the molecule, and hence the feedstock. In a preferred embodiment, the Double Bond Equivalence of the feedstock and molecule are determined, and catalysts are pre- selected based upon their known ability to work with materials of this DBE value.

