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(54) Title: HYDROPROCESSING FOR DISTILLATE PRODUCTION

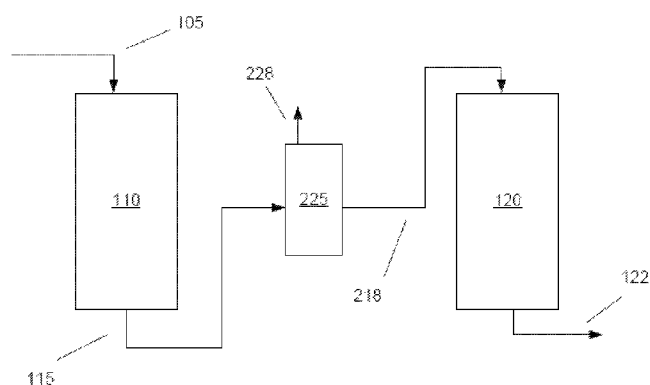


FIG. 2

(57) Abstract: Methods are provided for hydrotreating a feed to generate a product with a reduced or minimized aromatics content and/or an increased distillate product yield. A distillate boiling range feed having an elevated content of sulfur and/or nitrogen can be hydrotreated using at least two hydrotreating stages with intermediate separation to produce a hydrotreated distillate boiling range product with a reduced or minimized aromatics content. Additionally or alternately, a mixed metal catalyst formed from a suitable precursor can be used during the hydrotreating. A mixed metal catalyst formed from a suitable precursor can provide an unexpectedly superior activity for aromatic saturation. A still further unexpected benefit can be achieved by combining a multi-stage hydro-treating process with intermediate separation with hydrotreating in the presence of a mixed metal catalyst formed from a suitable precursor.



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