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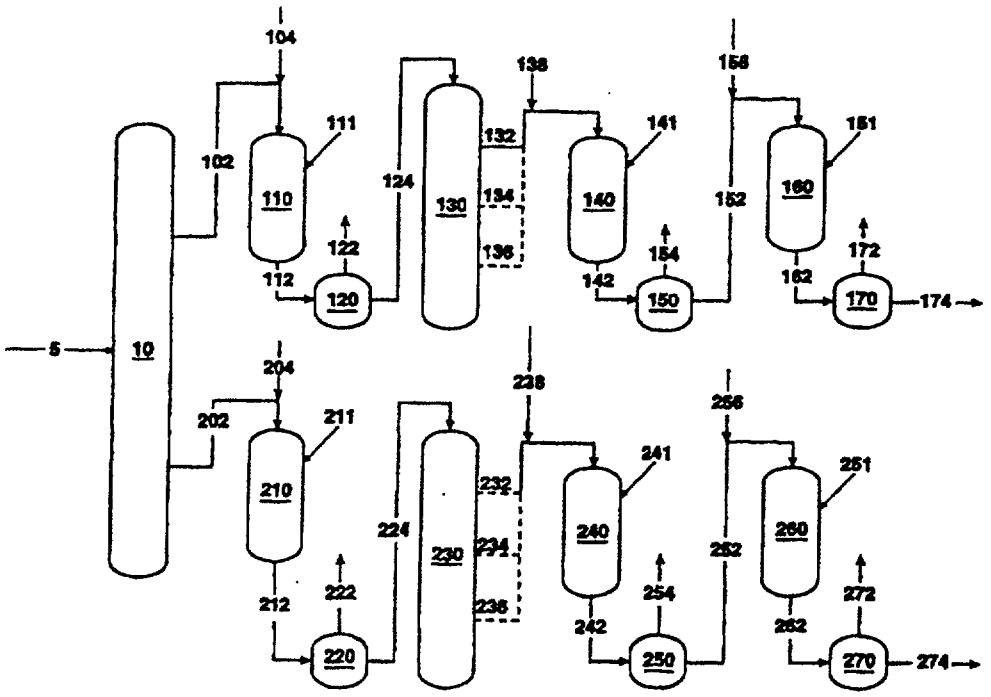
(54) Title: LAYERED CATALYST SYSTEM FOR LUBE OIL HYDROCONVERSION



(57) Abstract

The invention provides for a layered catalyst system to effectively optimize and tailor the hydrocarbon processing of a hydrocarbon stream to maximize yield in the creation of a lube oil base stock process. In particular, the invention includes the surprising discovery that a layer of a first catalyst can be placed in contact and on top of the isodewaxing catalyst layer to achieve higher yields, increased catalyst lifetime and avoid VI reduction.