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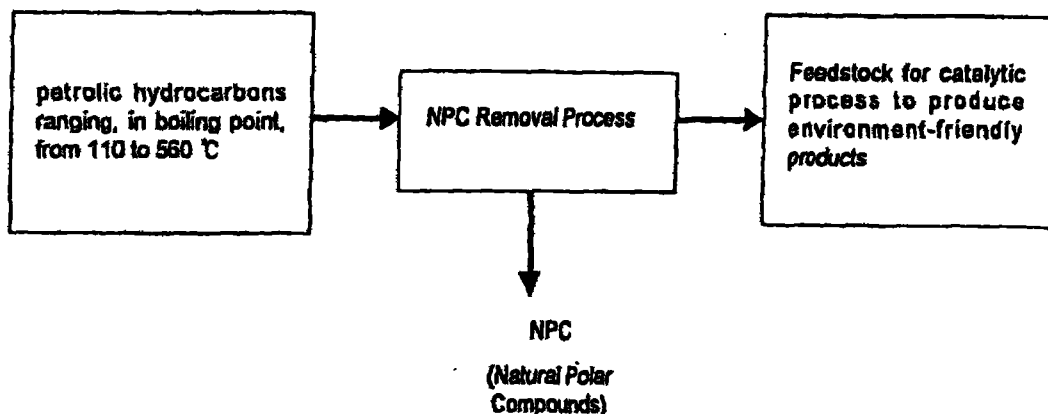
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(57) Abstract

A method is provided for manufacturing cleaner fuels, in which NPC (Natural Polar Compounds), naturally existing in small quantities within various petrolic hydrocarbon fractions, are removed from the petrolic hydrocarbon fractions ranging, in boiling point, from 110 to 560 °C and preferably from 200 to 400 °C, in advance of catalytic hydroprocessing. The removal of NPC improves the efficiency of the catalytic process and produces environment-friendly products, such as diesel fuel with a sulfur content of 50 ppm (wt) or lower. Also the NPC can be used to improve fuel lubricity.