

HYDROCRACKING PROCESS TO MAXIMIZE DIESEL WITH IMPROVED AROMATIC SATURATION

ABSTRACT OF THE DISCLOSURE

A VGO stream is initially hydrocracked in a hydrocracking reaction zone within an integrated hydroconversion process. Effluent from the hydrocracking
5 reaction zone is combined with a light aromatic-containing feed stream, and the blended stream hydrotreated in a hydrotreating reaction zone. Heat exchange occurs between the hydrocracking reaction zone and the hydrotreating reaction zone, permitting the temperature control of the initial hydrocracking zone. The integrated reaction system provides a single
10 hydrogen supply and recirculation system for use in two reaction processes.

Figure 1



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