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(54) Title: SELECTIVE RING OPENING PROCESS FOR PRODUCING DIESEL FUEL WITH INCREASED CETANE NUMBER

(57) Abstract: A process, preferably in a counter-current configuration, for selectively cracking carbon-carbon bonds of naphthenic species using a low acidic catalyst, preferably having a crystalline molecular sieve component and carrying a Group VIII noble metal. The diesel fuel products are higher in cetane number and diesel yield.



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