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(54) Title: PROCESS FOR THE PRODUCTION OF XYLENES AND LIGHT OLEFINS FROM HEAVY AROMATICS

(57) Abstract: A method for the transalkylation of a heavy reformate is provided. The heavy reformate is contacted with a transal-
kylation catalyst and hydrogen gas in a transalkylation reactor to selectively convert the heavy reformate to a xylenes-rich product
stream. Light alkanes produced during the reaction can be supplied to a steam cracker where they are converted to light olefins.



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