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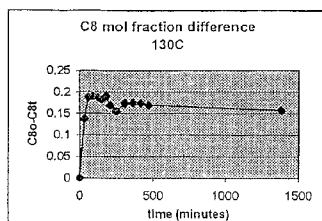
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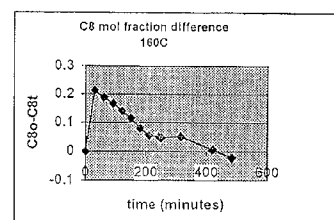
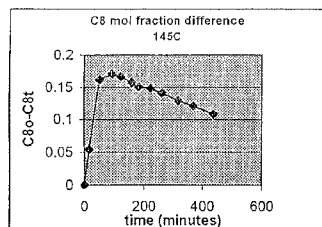
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[Continued on next page]

(54) Title: DIPHENYLAMINE ALKYLATED WITH OLEFIN MIXTURES CONTAINING FRACTIONS WITH VARYING DEGREES OF ACTIVITY



(57) Abstract: Disclosed herein is a process for the preparation of alkylated diarylamines comprising adding said diarylamine an olefin mixture containing highly reactive fractions, as well as fractions exhibiting a relatively lower chemical reactivity, in the presence of an acidic clay catalyst at a temperature low enough to prevent substantial deactivation of the catalyst until the addition is complete and then increasing the temperature to increase the alkylation rate of the less reactive fractions.





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