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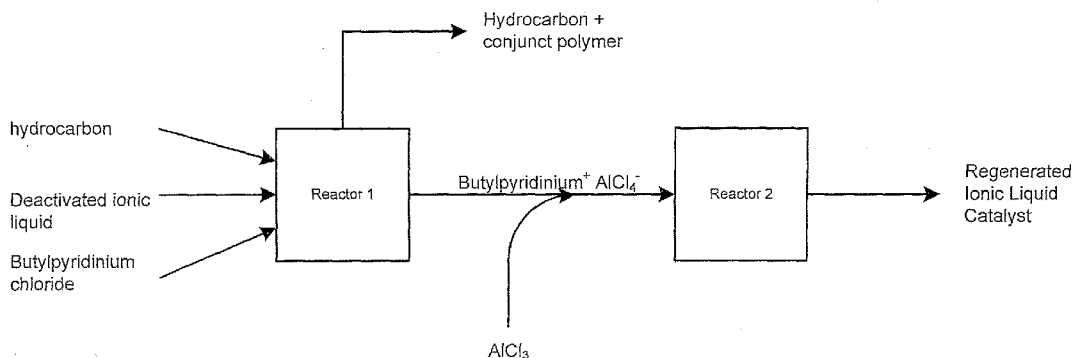
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(54) Title: REGENERATION OF IONIC LIQUID CATALYST



(57) Abstract: A process for regenerating a used ionic liquid catalyst comprising a cationic component and an anionic component, which catalyst has been deactivated by conjunct polymers complexed with the anionic component comprising the steps of adding a reagent which is capable of replacing the complexed conjunct polymer with the cationic component of the catalyst, said reagent being added in an amount sufficient to react with a suitable amount of both free and complexed anionic components in the used catalyst and removing the replaced conjunct polymer to produce a regenerated ionic liquid catalyst is disclosed.

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