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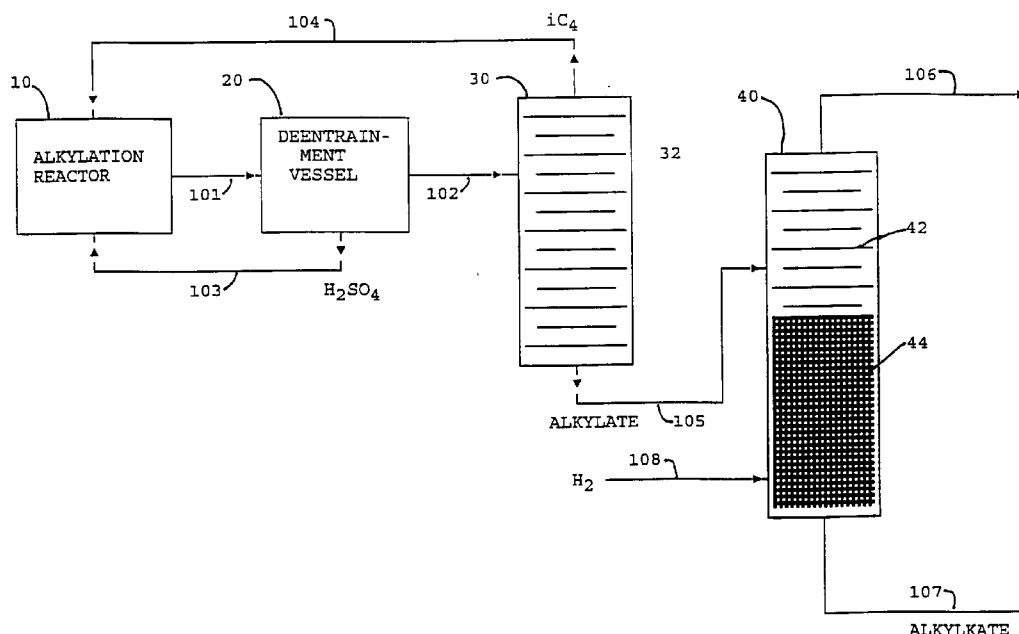
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(54) Title: METHOD OF REMOVING ENTRAINED SULFURIC ACID FROM ALKYLATE BACKGROUND OF THE INVENTION



(57) Abstract: An improvement in the alkylation of olefins with isoalkanes in the presence of sulfuric acid wherein the sulfuric acid is removed from the product by a mechanical coalescer means prior to fractionation. No water wash or caustic treatment is required. Any sulfonates or sulfonic esters are removed by hydrosulfurization or decomposition catalyst in a separate reactor or in either the deisobutanizer (DIB) or debutanizer (DB) column.

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