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- Removal of hydrogen sulfide and carbon dioxide from hydrocarbon gases (Using β, β'-hydroxy amine ethyl ether or a mixture of monoethanolamine and diethylene glycol), 933
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- Removal of carbon dioxide and hydrogen sulfide from gases (Liquid propylene carbonate, acetone, or methanol used as absorbent to remove C dioxide or H sulfide from gas mixtures), 1463
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