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(21) International Application Number: PCT/US98/15018 (22) International Filing Date: 21 July 1998 (21.07.98) (30) Priority Data: 08/920,278 22 August 1997 (22.08.97) US (71) Applicant: BETZDEARBORN INC. [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevose, PA 19053-6783 (US). (72) Inventors: MINEVSKI, Ljiljana, V.; 156 West Woodstock, The Woodlands, TX 77381 (US). LAMBOUSY, Ann, L.; 3531 Lake Ridge Bend, Spring, TX 77380 (US). (74) Agents: SMITH, Matthew, W. et al.; BetzDearborn Inc., 4636 Somerton Road, Trevose, PA 19053-6783 (US).		(81) Designated States: BR, CA, ID, KR, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: CORROSION INHIBITOR FOR ALKANOLAMINE UNITS (57) Abstract The corrosion of metals in contact with an aqueous alkanolamine solution in an acid gas removal unit is inhibited by adding a corrosion inhibiting amount of an alkanemonothiol or alkanedithiol compound to the aqueous alkanolamine solution. The alkanemonothiol and alkanedithiol compounds are useful for inhibiting the corrosion of metals in both the acid gas rich and lean portions of the acid gas removal unit.		