



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B01D 53/52, 53/84, C01B 17/05	A1	(11) International Publication Number: WO 98/57731 (43) International Publication Date: 23 December 1998 (23.12.98)
(21) International Application Number: PCT/NL98/00342 (22) International Filing Date: 15 June 1998 (15.06.98) (30) Priority Data: 1006339 17 June 1997 (17.06.97) NL (71) Applicant (for all designated States except US): STORK ENGINEERS & CONTRACTORS B.V. [NL/NL]; Radarweg 60, NL-1043 NT Amsterdam (NL). (72) Inventor; and (75) Inventor/Applicant (for US only): LAGAS, Jan, Adolf [NL/NL]; Markgouw 4, NL-1141 JD Monnickendam (NL). (74) Agent: SMULDERS, Th., A., H., J.; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: METHOD FOR DESULFURIZING OFF-GASES (57) Abstract The invention relates to a method for removing H₂S from off-gases which contain at least 20 % by volume of water vapor, comprising treating the off-gases at a temperature above the water dew point of the off-gases with an aqueous, alkaline solution under absorption of the H₂S, followed by subjecting the sulfide-containing solution formed to a biological oxidation of the sulfide.		