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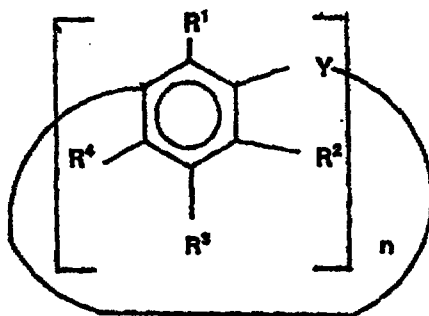
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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C10M 159/22, 135/30, C07C 321/30		A1	(11) International Publication Number: WO 99/19427
			(43) International Publication Date: 22 April 1999 (22.04.99)
(21) International Application Number: PCT/GB98/03044 (22) International Filing Date: 9 October 1998 (09.10.98) (30) Priority Data: 9721735.0 15 October 1997 (15.10.97) GB (71) Applicant (for all designated States except US): LUBRIZOL ADIBIS HOLDINGS (UK) LIMITED [GB/GB]; Dock Road South, Bromborough, Wirral, Merseyside L62 4SH (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): CRAWFORD, John [GB/GB]; 13 Loxford Road, Caterham, Surrey CR3 6BH (GB). (74) Agent: CRISP, David, Norman; D. Young & Co., 21 New Fetter Lane, London EC4A 1AY (GB).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, 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, GW, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: SULPHUR-CONTAINING CALIXARENES, METAL SALTS THEREOF, AND ADDITIVE AND LUBRICATING OIL COMPOSITIONS CONTAINING THEM



(I)

(57) Abstract

This invention relates to a composition comprising at least one sulphur-containing calixarene represented by formula (I) or a metal salt of said calixarene, wherein Y is a divalent bridging group, at least one of said bridging groups being a sulphur atom; R³ is hydrogen, a hydrocarbyl or a hetero-substituted hydrocarbyl group; either R¹ is hydroxyl and R² and R⁴ are independently either hydrogen, hydrocarbyl or hetero-substituted hydrocarbyl, or R² and R⁴ are hydroxyl and R¹ is either hydrogen, hydrocarbyl or hetero-substituted hydrocarbyl; and n is a number having a value of at least 4. In one embodiment, the foregoing salt is an overbased salt. The invention also relates to additive compositions and finished lubricating oil compositions containing the foregoing overbased salt. The invention also relates to a process for making the foregoing overbased salt.