



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶:C07C 65/17, 69/94, C10M 129/54,
129/76, 159/22, 159/12, C10L 1/18

A1

(11) International Publication Number:

WO 99/25677

(43) International Publication Date:

27 May 1999 (27.05.99)

(21) International Application Number: PCT/GB98/03398

(22) International Filing Date: 12 November 1998 (12.11.98)

(30) Priority Data:

9723888.5	13 November 1997 (13.11.97)	GB
9816162.3	25 July 1998 (25.07.98)	GB

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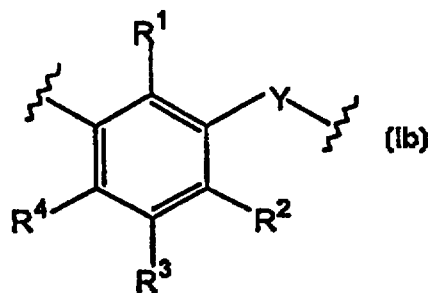
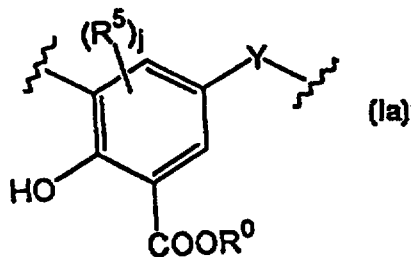
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(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, 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: SALICYCLIC CALIXARENES AND THEIR USE AS LUBRICANT ADDITIVES



(57) Abstract

This invention relates to a cyclic compound comprising m units of formula (Ia) and n units of formula (Ib) joined together to form a ring, wherein each Y is a divalent bridging group which may be the same or different in each unit; R^0 is H or an alkyl group of 1 to 6 carbon atoms; R^5 is H or an alkyl group of 1 to 60 carbon atoms; j is 1 or 2; R^3 is hydrogen, a hydrocarbyl or a hetero-substituted hydrocarbyl group; either R^1 is hydroxy and R^2 and R^4 are independently either hydrogen, hydrocarbyl or hetero-substituted hydrocarbyl, or R^2 and R^4 are hydroxyl and R^1 is either hydrogen, hydrocarbyl or hetero-substituted hydrocarbyl; m is from 1 to 8; n is at least 3, and $m + n$ is 4 to 20. This invention also relates to metal salts of the foregoing compound, especially overbased metal salts. The invention also relates to additive compositions, finished lubricating oil compositions and fuel compositions containing the foregoing compound or metal salt thereof. The invention also relates to a process for making the foregoing compound and salts thereof.